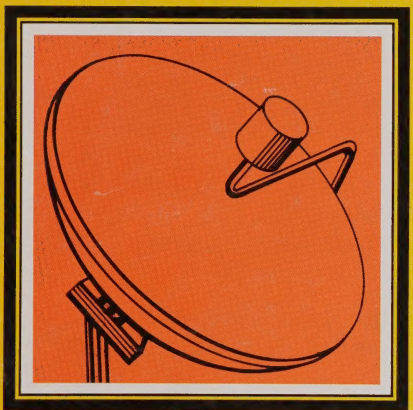




SPACE
Convention and
International
Exhibition



SPACE

SOCIETY FOR PRIVATE AND
COMMERCIAL EARTH STATIONS



Caesars Palace
March 18-20, 1984
Las Vegas, Nevada



"When You Offer the Best Warranty in the Industry, You Have to Sell Only the Best Equipment."—Ben Rose, President, BR Satellite

Our formula for success is simple: sell only the finest TVRO equipment and stand behind it all the way.

That philosophy is just as successful for our dealers. Why not put it into practice for yourself, with our help?

Toll-free ordering. Same Day Shipment.

Every product we distribute is in stock at all times. If you call our toll-free number before 2 PM, we'll ship your order the same day. And unlike some distributors, we're happy to ship C.O.D.

The Ultimate Dealer Warranty.

Now you can offer your customers a year-long, unconditional replacement policy on every component of their systems, provided you order it from BR Satellite.

Our warranty is an irresistible sales tool, because it brings the scary, unknown world of satellite TV firmly down to earth.

Immediate Free Replacement Service.

BR Satellite is the only distributor in this industry who will replace any defective TVRO product with a new unit, just by making one toll-free phone call. Before you send the defective unit back and at no cost to you.

We'll ship a replacement via UPS Blue Label, at our expense, the same day you call us. We ask only that the defective unit reach us within 10 working days, *after* you receive the replacement.

At BR Satellite, there is no "turnaround" waiting time. And only a bare minimum of your valued customer's down time.

Optional Additional Four Year "Futureproof"™ Warranty.

For the first time ever, TVRO owners can buy an extended warranty for their systems at the time of purchase, just like they buy for their cars. For a minimal cost, BR Satellite allows you to offer this unconditional warranty to your customers. BR Satellite, backed by one of the world's largest insurance companies, will guarantee all electronic components against any manufacturer defects for a total of five years (including the first year which we cover automatically). Contact us to discuss all the details of this unique plan.

Your customers will agree, it's a small price to pay for "Futureproof" peace of mind.

Famous names.

We offer our free one-year replacement warranty and optional four-year policy on all the fine TVRO lines we sell:

MTI
ECI Antennas
NORSAT LNAs
Chapparral
Earth Terminals
Wilson Microwave Systems
USS Maspro
Luxor

Arunta
Sat-Tec
Seavey Engineering
Newton Test Generators
Satellite Ground Components
ERI LNA Jumper Cables
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Coax-Seal

These are the names your customers will request most. But don't worry. BR Satellite will not sell to *Your Customers*. We protect *you* as a valued dealer and proudly recommend *you* when potential buyers call from your area.

Check our ads—they say **"Dealers Only."**

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216-11 Kingsbury Ave.
Bayside, NY 11364
212-479-6900

1-800-424-2010

Call Toll Free 9:30-5:30 E.S.T. Mon.-Fri.



BR SATELLITE COMMUNICATION

216-11 Kingsbury Ave.

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BR SATELLITE stocks every product we distribute at

all times. If you call our **toll-free** number before

2 PM, we'll ship your order the same day. Unlike other distributors, we're happy to ship C.O.D.

Finally. ECI, An Eleven Foot Mesh Antenna You Can Assemble in 45 Minutes.

The Smaller Package For the Best Picture. And Only One Place to Buy It . . . BR Satellite Strikes Again.

Why offer your customers anything less than the best quality antenna? They'll only come back to haunt you with poor reception problems, followed by rust complaints.

Why not eliminate both problems in advance—with the incredible ECI eleven foot mesh antenna!

Top specs. F/D of .29.

41.7 + db gain—78% efficient, outperforms most 12' and many larger dishes.

Eight interchangeable preassembled reflector panels, guaranteed rust free.

Mesh securely attached within panel structure.

All stainless steel hardware and hot-dipped galvanized polar mount head to insure maximum protection against rust. Designed to stand up to the worst that nature dishes out.

Unique design to provide maximum rejection of terrestrial interference.

Optional galvanized tripod stand makes any installation easier.

Top-of-the-line ESR-40 X Seavey commercial feed system available.



Galvanized hardware included for mounting of the MTI 2100 or 2800 antenna positioner.

Optional Polane® polyurethane paint coat is available in black.

Shipping weight—less than 250 pounds, provides for low cost shipping.

This antenna has been range tested by Seavey Engineering Assoc. Inc verifying the above results. Documentation available upon request.

Best of all— the ECI antenna assembles in about 45 minutes!

Why settle for less? Call our **toll-free** number to get the complete picture and order today.

Exclusive master distributor for ECI antennas.

Quantity Prices Available.



1-800-424-2010

Call Toll Free 9:30-5:30 E.S.T. Mon.-Fri.

ECI

Dealers Only.



BR SATELLITE is the only distributor in this industry who will replace any defective TVRO product with a new unit. We'll ship a replacement via UPS Blue Label, at our expense, the same day you call us.

With Norsat's LNA, Your Customers Will See Less Noise. With Our 1 Year Warranty, You'll Hear No Noise From Them.

Introducing the quiet one—the remarkable Norsat LNA! Norsat has combined years of experience with traditional Japanese manufacturing excellence to produce a low noise amplifier of exceptional quality.

Quiet quality, for better pictures even on today's smaller dishes. Degree for degree, dollar for dollar, the Norsat is simply the quietest, most efficient LNA ever made.

Unique all GaAsFet four stage design (no bi-polars) with min. 51 db gain.

Total weatherproofing—precision milled recessed top cover; computer-milled aluminum body.

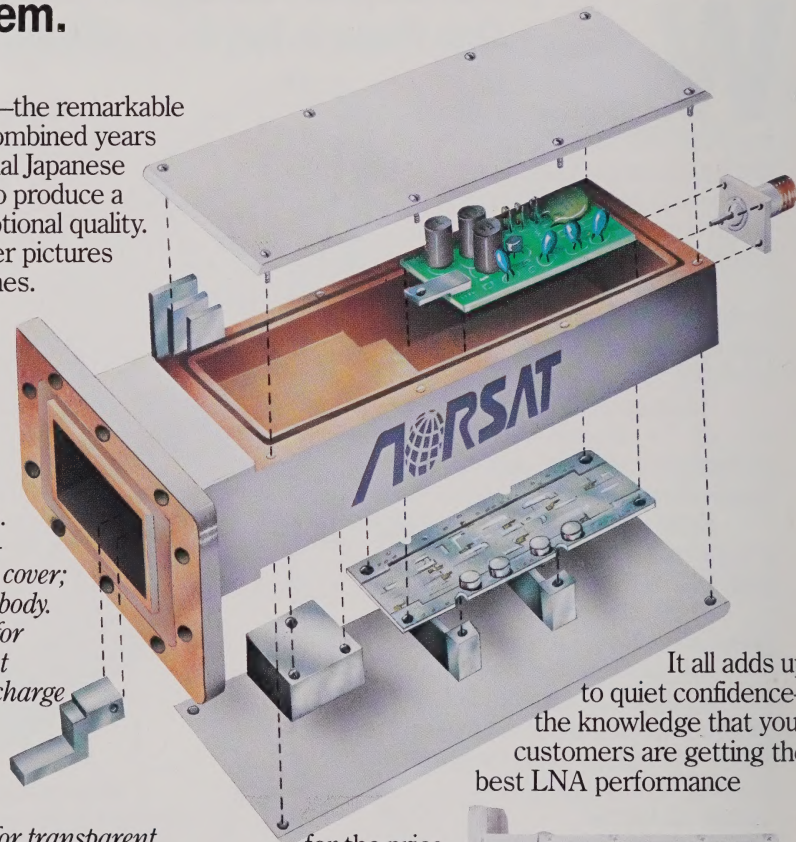
Grounded input probe for maximum protection against failures due to lightning discharge or high ambient RF fields.

Triple sealed and ruggedly mounted type "N" output connector.

Low VSWR resonator for transparent impedance match into the first GaAsFet stage.

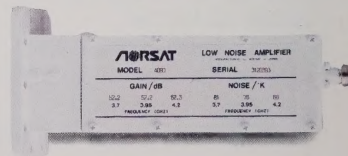
Separate power supply board featuring ultra-stable regulation with built-in protection against polarity reversal, voltage fluctuation, and static discharge.

Available in 100°, 90°, 85°, 80°, and 75° noise temperatures.



It all adds up to quiet confidence—the knowledge that your customers are getting the best LNA performance

for the price. BR Satellite is proud to be the only distributor in the Eastern United States for Norsat LNAs, and one of only three distributors nationwide. Quantity Prices Available.



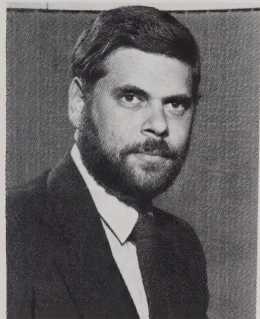
"We Distribute Trust."

Dealers Only.

NORSAT

MOVING FORWARD WITH SPRING '84

A Message From the Convention Chairman, Robert Behar



Welcome to Spring '84 Convention and International Exhibition of the Society for Private and Commercial Earth Stations—SPACE. This is the first convention in 1984 of the satellite earth station industry. We are honored to have United States Senator Bob Dole as our keynote speaker and to kick-off the International Exhibition. Senator Dole is one of the leading political figures and most respected leads in Washington, D.C. when he talks, a lot of people listen. And we are fortunate to have him at this Convention as our special guest.

The teleconference downlinking certification course, we believe, is a "first-of-its-kind" and the most comprehensive program on this subject ever put together for dealers. It is a preliminary step to becoming a part of a nationwide network of certified teleconference downlinkers put together by SPACE, a group that will be made known to the expanding number of companies utilizing teleconference services.

The technical seminars will continue SPACE's tradition of providing expert speakers covering topics of concern to all industry members. Joining

us at these seminars are many experts from the satellite earth station industry who will provide information and update our knowledge about our industry and its glowing future. At the beginning of 1984, we estimate that there were over 325,000 home earth stations bringing a rich variety of communications devices to American families. As we look forward, we anticipate a doubling of the growth and development of the industry and that this surge in activity will push the number of home earth stations to an all-time high. It is a sign of this industry's increased business activity that we expect this Convention to be the largest convention to date, to be the most well-attended and to be the most successful. We have more exhibits this year than ever before. We have more international representatives from all areas of the world than have ever assembled before for a satellite earth station convention and exhibit. The exhibits are extremely educational and demonstrate the most advanced satellite earth station equipment ever manufactured. Exhibitors have traveled from various parts of North America to help make you aware of the wonders of earth station technology. Participate in the spirit of growth and enthusiasm that characterizes our industry.

Spring '84 symbolizes both the opportunity and the challenge faced today by the satellite earth station industry. We have been successful in fighting back signal piracy provisions in both the U.S. House of Representatives and the U.S. Senate. From this more opportunities develop. There is much more to do. We urge

you to visit the exhibits, sign up for the Teleconference Downlinking Course, attend the technical seminars, take the materials back to your friends and your customers. Inform them of the issues about the Wichita, Kansas case in which a SPACE member dealer is fighting for the right of the individual dealer and user to view programming delivered via technology paid for with their tax dollars. The domestic and international growth of this industry is astounding. Exporting issues are in the forefront. This clearly is a demonstration of the development of the industry and the growing popularity of the earth station technology throughout the world. This activity can only forecast a healthier business climate for our industry and is a strong indication that the industry will continue to grow stronger and stronger as we move united through 1984. We are pleased to see that more and more dealers are becoming involved on the local level with zoning issues, along other matters.

On behalf of the Convention Planning Committee and each of the SPACE Board members, I extend to you a hearty welcome. As an industry we move forward and face the challenges and seek to exploit the opportunities which promise to make our industry stronger, bigger and better. Welcome to SPACE's Spring '84 Convention.

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CONFERENCE AT A GLANCE

Sunday, March 18

- 7:00 a.m. Registration
- 9:30 a.m. Breakfast for U.S. Senator Robert Dole
- 10:00 a.m. Opening Session
- Technical Seminars begin
- 10:00 a.m. Teleconference Downlinking Seminar begins
- 12:00 p.m. Keynote Address by U.S. Senator Robert Dole
- ⑦ 1:00 p.m. Grand Opening SPACE Spring '84 Exhibits
- 8:00 p.m. Exhibit Hall Closes

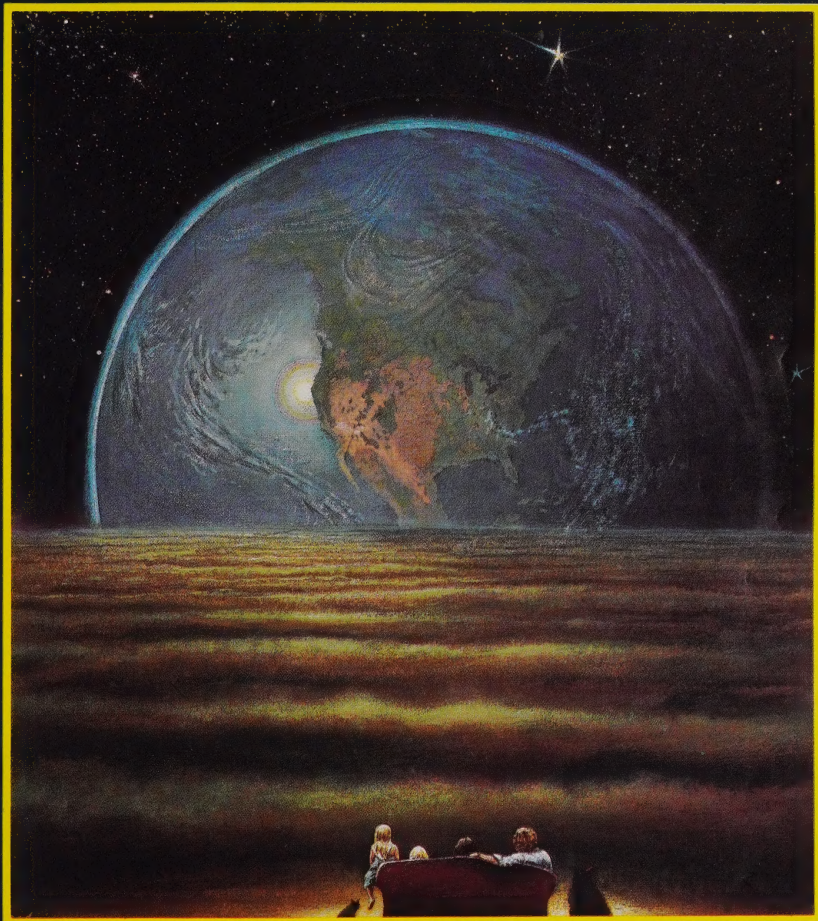
Monday, March 19

- 9:00 a.m. SPACE General Membership Meeting
- 10:00 a.m. Technical Seminars begin
- 10:00 a.m. Teleconference Downlinking Seminar begins
- ⑦ 10:00 a.m. Exhibit Hall Opens
- 5:00 p.m. Exhibit Hall Closes
- 6:00 p.m. Convention Banquet begins

Tuesday, March 20

- 10:00 a.m. Technical Seminars begin
- 10:00 a.m. Teleconference Downlinking Seminar begins
- ⑦ 10:00 a.m. Exhibit Hall Opens
- 5:00 p.m. Exhibit Hall Closes

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The true test of a product is its ability to provide lasting satisfaction.

Smooth easy operation and uncompromising video quality have led the EARTH TERMINALS receiver to be called the "Mercedes" of home satellite receivers. Even the most discriminating videophiles find it an impressive performer. Here's why.

Unmatched Video Reproduction

Accurate high resolution video ensures lasting value. Specifications alone can't show the vivid differences in video quality. Compare picture quality before you buy.

Automatic Fine Tuning

High performance AFC provides drift-free channel selection automatically. No "fine tuning" required.

Full Remote Control

25 foot remote control allows easy channel selection and volume level adjustment. (Channel selection automatically selects correct feed polarization.)

Convenient Sound Selection

Eliminates the need to manually select the audio in most cases. System uses fixed (6.8 MHz) and variable (5.5 to 8.5 MHz) audio modules and automatically selects audio subcarriers.

Full Function Metering

Continuous monitoring of Signal Strength (dB) and Center Tuning (MHz). Allows accurate check of system performance (CNR) without additional equipment.

Versatile

Dual conversion circuitry and a remotable downconverter permit multiple receiver systems with a single antenna. (Less sophisticated single conversion receivers require costly interference isolators.)

For more details about our products give us a call or write.



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WHEELER COMM.
INDIANA
CARPENTER SATELLITE
SERVICE, INC.
CONCEPTS CONSULTING,
INC.
COURT APPL., INC.
DAVE & MIKE'S TV & APPL.
FLAME PRODUCTS CO., INC.
GENESIS ELECTRONICS, INC.
H & H ELECTRICAL SYST.,
INC.
HARRINGTON SATELLITE TV
SYSTEMS
HOOSIER ELECTRONICS
HORIZON SATELLITE DIST.
INDIANA ELECTRONICS
KING'S ANTENNA SVC.
KLINE'S TV & APPL.
MILLER'S TV & APPL.
OMEGA SATELLITE
PRODUCTS, INC.
RAIL'S TV SALES & SVC.,
INC.
SATELLITE T.V. SYST.
STUCKY BROS.
TRI-COUNTY MICROWAVE,
INC.
T.V. HEADQUARTERS
TRI-COUNTY MICROWAVE
ZIMMERMAN'S SVC., INC.
IOWA
AHC, INC. d/b/a CURTIS
AMERICAN MICROWAVE
TECHNOLOGY
BOB GYNN'S CURTIS
MATHES
BONSALL T.V., INC.
CHRISTY SALES, INC.
CLIFF'S RADIO & TV
CLIMBING HILL ELECTRONICS
COUNTRY SATELLITE
TV SYST., INC.
HAGENS FURNITURE & TV
HUNTER TV & SATELLITE,
INC.
IMAGES TV 5 CORP.
PLANZ ELECTRONICS
SATELLITE VIDEO SUPPLY
STODGILL, INC.
TOCO ELECTRONICS
WETHERILL MFG. CO.
KANSAS
AGRI-MARKETING GRP.
AJAK INDUSTRIES, INC.
ALEXANDER & RAY'S
TV & APPL.
BENS TV & APPL. SVC. CTR.
BRELO ELECTRONICS
BROADWAY ELECTRONICS
CAL DATALINE, INC.
CLAS T.V. & COMM.,
INC.
COOKSEY T.V.
COOK'S TRUE VALUE
HOME CTR.
DON'S ELECTRONIC SVC.
DUNKER'S RADIO & TV
STEVE ESSINGER
GENES TV
GHERES OF MANHATTAN
H & B CORP.-SATELLITE
DIV.
HOBLE-HUNTER TV &
ELECTRONICS INC.
HOME VIDEO SYSTEMS
JERRY HALL'S
KALIDOSCOPE VIDEO
LEWIS TV SERVICE
LINCOLN TV
LINDLY TV & APPL.
LOCK'S ELECTRIC
MAIN ELECTRONICS, INC.
MOORE TV, INC.
NATIONAL COMPU SAT,
INC.
O'CONNEL ELECTRONICS
PRECISION SATELLITE SYST.
RURAL SAT SYSTEMS
SHADDOWNS

SATELLITE COMM. CORP.
SATRACKER SYSTEMS
SCHMIDT RADIO & TV
SKY VIDEO CO.
SOLID STATE COMM., INC.
SPARKS MUSIC
STARLINK COMM., INC.
STARVISION, INC.
TABLER FURNITURE, INC.
THE VIDEO CENTER
KENTUCKY
EARTH STATION PRODUCTS
SATELLITE EARTH STATION
CTR.
SATELLITE TV WORLD
SKY-SCAN OF KENTUCKY
STARPATH II
LOUISIANA
AUDIO WEST, INC.
CABLE SATELLITE, INC.
CRYER'S ELECTRONICS
EAGLE ELECTRONICS
FELT'S TV RADIO SVC.
FURNITURE FASHIONS, INC.
IKE'S RADIO & TELEVISION
J. MCDISTRIBUTORS
JACKSON T.V. CENTER
KENTUCKIANA SATELLITE
SYSTEMS, INC.
MCCANN ELECTRONICS
NATIONAL CABLE SYSTEMS,
INC.
E.K. PENDARVIS
RADIO SVC. CTR., INC.
SATELLITE COMMUNICA-
TIONS SYSTEMS, INC.
SATELLITE EARTH STATIONS
SATELLITE SPECIALTIES,
INC.
SCIENTIFIC EARTH STATIONS
THE SATELLITE CONNECTION
WAX T.V. & SOUND CTR.,
INC.
WOOD ELECTRONICS
MAINE
D.K.H. SATELLITE SYSTEMS
EASTERN SATELLITE
TV SYST., INC.
MAINE ELECTRONICS
SATELLITE TV
MARYLAND
ACTIVE EARTH/
SATELLITE CORP.
ACTION EARTH
SATELLITE CORP.
CLEARVIEW SATELLITE TV,
INC.
DAVIS ANTENNA CO.
EARTH STATIONS,
MANNING, SUMTER,
FLORENCE & KINGSTREE
MARYLAND FARMS
CONDOMINIUM
MARYLAND SATELLITE TV
SYSTEMS
SATCO
SATELLITE TECHNOLOGIES,
INC.
SATELLITE VIDEO SYST.
TOWNSEND INDUSTRIES
MASSACHUSETTS
AUDIO VIDEO ASSOCIATION
BAY-SAT COMM., INC.
NORTHERN SATELLITE
DORI
SATELLITE DATA, INC.
TRANSCOMSAT, INC.
MICHIGAN
BARAGA COUNTY
ELECTRONICS
C BAND COMM., INC.
HUNT'S TV, INC.
LONG'S FURNITURE &
APPL. CO., INC.
LORWAY CORP.
MAIN ELECTRONICS CO.
MAPLEWOOD TRAVERN
MICHIANA SATELLITE SYST.
QUALITY CONTROLLED
ELECTRONICS, INC.
R.G. ALLMAN, INC.
RODGERS TV
SATELLITE RECEIVING CO.
SATELLITE RECEIVING
SYSTEM
SPACE PROBE
U.P. SATELLITE SYSTEMS

VIC HAM MANAGEMENT
INC.

MINNESOTA
AUDIO CONCEPTS
BLACK DUCK TELEPHONE
CO.

BURTONS SATELLITE, INC.
COUNTRY CABLE, INC.
CURTIS MATHES HOME
ENTERTAINMENT, CTR.
D & L SPECIALTIES
EARTH STAR COMM., INC.
FEVOLD ELECTRONICS
HIAWATHA ELECTRONICS,
INC.

HOME SATELLITE SYSTEMS
JOHNNYS TV
MASTER CRAFT OF
OWATONNA, INC.
MID AMERICA SATELLITE TV
PRIMEKOR CORP.
SATELLITE ENTERTAINMENT
SYSTEMS, INC.
SATELLITE TV INSTALLERS,
INC.

SCHMIDT T.V.
SKYLINE SATELLITE SYST.
TELEVISION SVC. CTR.
UPPER MIDWEST V.C.R.
WADENA T.V. CTR.

MISSISSIPPI
ARNNS T.V.
CABLE MAX, INC.
HOME SATELLITE SYST., INC.
ODOM T.V. SALES AND
SVCS.

SATELLITE TV
OPPORTUNITIES
MAGAZINE
WRIGHT TECHNOLOGY
& MARKETING, INC.

MISSOURI
AMERICAN SATELLITE
COMM., INC.
ANTENNAS UNLIMITED, LTD.
BOB FAY'S TV & APPL. CTR.
BOB GRANNEMANN
RADIO & TV

BOB JOHNSON APPL. CTR.
BOONE T.V. & ELECTRONICS
COIN SPORTS DIST., INC.
CURTIS MATHES CTR.
DEITZ ELECTRONICS SVC.
DISCOM SATELLITE SYST.,
INC.

ELECTROTEX
F.C. GRACE FURNITURE
& APPL.

HAYES T.V., INC.
INDOSAT, INC.
KAUFMAN T.V.
LA. GRANGE SATELLITE TV
SYSTEMS

LAKESAT
LAKESIDE TELEVISION
LAURIE VIDEO, INC.
LIVINGSTON TV AND APPL.
LORENSEN PLUMBING
& APPL.

MICRO-LINK TECHNOLOGY
MIDWEST
COMMUNICATIONS
NORTH AMERICAN
SATELLITE ANTENNA
CORP.

PARSONS ELECTRONICS,
INC.
PRESCOTT T.V.
SATELLITE PROFESSIONALS
(MISSOURI)

SKYWALKER COMM.
SWITLIK'S EAGLE T.V.
THE ENTERTAINER
THOMAS FURNITURE CO.,
INC.

WHITES TV
MONTANA
A/V ELECTRONICS
ALLEN ELECTRIC
COSTA TO COSTA

FLATHEAD ELECTRIC SVC.
GHOST FIGHTERS, INC.
MCMILLAN TELEVISION
STEREO

MONTANA TELEVISION-
APPL.
PRE VUE PUBLICATIONS
SKYWAY TEL. AND SATELLITE
STEVENSONS TV & APPL.

STOCKMAN SUPPLY
TELECAST SATELLITE
SYSTEMS
T.V. APPLIANCE CTR.
WHITE REFRIGERATION CO.
ZANES RADIO AND TV

NEBRASKA
AZC-TECH DISTRIBUTING
ALLEN INDUSTRIES, INC.
ARNOLD POOL CO.
B.J.'S HOME SATELLITE
EARTH STATIONS
CHIEF INDUSTRIES, INC.
COMSTOCK T.V.

GREELEY GAS & ELECTRIC,
INC.
HANK'S RADIO, TV & APPL.
HINKLE-YOUNG SATELLITE
HI-FI TV ELECTRONICS
HOME T.V. SALES & SVC.

DAVIS T.V. & STEREO
DON'S ELECTRONIC SVC.
JOY APPL. & VIDEO CTR.
K&H ENTERPRISES
MICROSTAR
ROBERT KROHEIN
SOUND ROOM
WEST WINDS
CONSTRUCTION
JENSEN TV
MASON ELECTRIC, INC.
MEL'S T.V.
NATIONAL
ELECTRORAFT, INC.
OLSON HEATING AND
ELECTR.

PEFFER FEED & SEED, INC.
PINKERMANS TV
LOGAN'S ANTENNA SVC.
RANCHLAND ELECTRONICS
REFLECTIONS
STAN'S ELECTRONICS
SPERRY T.V.
STEREO CITY WAREHOUSE
T & C ELECTRONICS
VIDEO KINGDOM
WESTSIDE ELECTRONICS

NEVADA
R. CHAPMAN, INC.
ORION SATELLITE SYSTEMS,
INC.
SATELLITE WHOLESALERS,
INC.

SERENDIPITY ELECTRONICS
NEW HAMPSHIRE
SATELLINK
COMMUNICATIONS CORP.

NEW JERSEY
ADVANCED ELECTRONICS
CORP.
AMERICAN SATELLITE
CENTROVISION, INC.

DECA TELSTAR SYST., INC.
EARTH TERMINAL TV
FOCUS MASTER, INC.
I.V. ELECTRONICS
METRO-STAR POINT
SATELLITE SYSTEMS
STARVISION SATELLITE,
INC.

SKY-BIRD SYSTEMS, INC.
THE LIGHTHOUSE
ROCK-DISCO
MERRIMAC INDUSTRIES,
INC.

PATMAR TECHNOLOGIES,
INC.
VALLEY SATELLITE TV
NEW MEXICO

BRUCE'S SALES & SERVICE
LAWON'S TV SALES &
SERVICE
SMITH MUSIC & TV, INC.

VASSALI SATELLITE SYSTEMS
WEST COAST SOUND
NEW YORK
AVC

ADVANCE AUDIO COMM.
SYSTEMS, INC.
AMERITEK SYSTEMS, INC.
AUTOMATION CONTROLS
CHUCK'S TV & MICROWAVE
OVEN CTR.

DAVES ANTENNA
DAVID THOM
DELTA VIDEO
DOWN TO EARTH SATELLITE
VIDEO SERVICES

EARTH STATIONS
FALLS EARTH STATION
FINGER LAKES COMM.
CO., INC.

FRANKLIN SATELLITE
SYSTEMS
GLOBAL SATELLITE SERVICES
WILLIAM HUGHES
INSTALLATION

SPECIALTIES, INC.
WESTERS TV MATV HBO
SATELLITE CONNECTION
SATELLITE SYSTEMS FOR
COMM.

SATELLITE VIDEO SERVICES
SAT VIDEO SPECIALTIES OF
NY, INC.
SIGNAL SYSTEMS
SKI VIEW SATELLITE
SYSTEMS

SPACEWAIVE
COMMUNICATIONS, INC.
STAR VIDEO SYSTEMS
SYNC SATELLITE SYSTEMS
TRITON MARKETING CORP.
VASTO ELECTRONICS
W.B.J. CORPORATION

NORTH CAROLINA
DAR COMMUNICATIONS,
INC.
EWING IRRIGATION
& AGRI-SALES

INT'L. TELECOM OF
ASHEVILLE
LUNA-VISION
MICROWAVE

ENTERTAINMENT, INC.
NATL. COMM. SYST.
NORTH STAR SATELLITE TV
REYNOLDS SALES
ROANOKE SATELLITE
SYSTEMS

SATELLITE CONCEPTS, INC.
SKYVIEW SATELLITE SYST.
SRA-SATELLITE
RECEIVER APPLICATIONS
U.S. SHELTER CORP.

WORLD SATELLITE, LTD.
DIV. MILLS & MITCHELL
ELECTRIC, INC.

NORTH DAKOTA
EASY WAY, INC.
GROVE COMMUNICATIONS
JOHN IVERSON CO.
JOHNSON ENTERPRISES
TRI-STATE AVIATION

OHIO
AMERICAN MICROCOM
SYST., INC.
ANTENNA SERVICE CO.
B & B SATELLITE SYSTEMS
BLATTNER TV

SALES & SERVICE
CAMPBELL DISTRIBUTORS
COMMUNICATION EXPORTS
CUSTOM SOUND CO.
DUTRO SATELLITE TV
INVICTUS TELECOM., INC.

J & I LEASING
MICRODISH, INC.
MONROE SERVICE, INC.
NEWELL TV & APPL., INC.
NEWELL TV & APPL., INC.

SATELLITE SYSTEMS
TECHNOLOGY
SATELLITE PLUS
SATELLITE VIDEO PRODUCTS

SATELLITE VIDEO SYSTEMS
SHELBRNE FILMS
SOUND MASTER, INC.
SOUTHERN OHIO
SATELLITE SYST.

THE SATELLITE CORP.
UNITED SECURITY &
COMMUNICATIONS, INC.

OKLAHOMA
AIR PROSPECTORS, LTD.
ALLEN'S ELECTRONICS &
RADIO SHACK
AMERICAN SATELLITE
CORP.

BALENTINES TV
BASE COMM, INC.
CH & S CABLE, INC.
COMM. RESOURCES
UNLIMITED, INC.

DON'S MODERN APPLIANCE,
INC.
DONN PEASTER TV
G/C ELECTRONICS
GERRARD CORNER TV
SALES & SVC.

GREAT PLAINS TV SATELLITE
JERRY'S RADIO COMM.
JOHNSON TV & SOUND
LAWRENCE POYNER
SHAFFER RADIO AND TV,
INC.

SHAFFER TV
SOONER TV
THE SATELLITE ANTENNA
CORP.

TULSAR CORP.
UNITED SATELLITE ANTENNA
TELEVISION CORP.

UTAH
BONE & CO., INC.
CONTINENTAL SATELLITE
SYSTEMS, INC.

COWLEY TV
DEL CITY MUSIC
HAMLET SATELLITE SYSTEMS
HARVEY'S TV/SATELLITE
PROFESSIONALS

LUTZ ENTERPRISES
PACIFIC TRADING CO.
RADIO SHACK -7178
RAINBIRD-SATELLITE
TELEVISION SYST.

TOTAL TELEVISION, INC.
UNIVERSAL SATELLITE
SYSTEMS, INC.

PENNSYLVANIA
ALLEGHENY EARTH
STATION
FRANKLIN SATELLITE
SYSTEMS
GUNTER SATELLITE
SYSTEMS

ICT, INC.
SATELLITE VIDEO SYST.,
INC.
SKYVIEW SATELLITE, INC.

TEM-SAT VIDEO
TOYS TV SERVICE
TRI-STAR SYSTEMS
WEST-HILLS ELECTRONICS
WALTON SATELLITE TV

RHODE ISLAND
VIDEO & RADIO
ELECTRONICS
SOUTH CAROLINA
ARISTOCRAT PRODUCTS,
INC.

BAKER & SON ELECTRONICS
BANK'S SATELLITE SYSTEMS,
INC.

EARTH STATIONS
MITCHELL TWO-WAY RADIO
MANNING, SUMTER &
FLORENCE
EARTH STATIONS OF
COLUMBIA, INC.

NORTH STAR SATELLITE TV
P & R HOME SATELLITE
SYSTEMS
STANLEY SATELLITE
SYST., INC.

SATELLITE TV SYSTEMS
SOUTH DAKOTA
FAR OUT
KARL'S MUSIC & TV APPL.
KINGS SATELLITE AND TV
SHOP

LANG'S DANIELSON BROST
MITCHELL TWO-WAY RADIO
NORTH STAR SATELLITE TV
SISSON BOTTLE GAS CO.
TEAM ELECTRONICS
WARREN SUPPLY CO.

TENNESSEE
AMERICAN VIDEO CORP.
BELLIS ELECTRONICS
COMMERCIAL SATELLITE
SYSTEMS, INC.

EAGLE SYST. BY GMR
HOSPITAL CORP. OF
AMERICA
LABORATORY ELECTRONIC
SPECIALISTS, INC.

MARYVILLE SATELLITE TV
SYSTEMS
MULTIVISION, INC.
NATL. MICRO-DYNAMICS,
INC.

STAR ELECTRONICS
UNITED SATELLITE ANTENNA
TELEVISION CORP.
UNIVERSAL SATELLITE TV &
CO.

TEXAS
ADVANCED EARTHSTATIONS
ARCAND ELECTRONICS
ARNOLD & MORGAN
AUDIO VIDEO
BARRICK FURNITURE &
APPL.

BRAZOS RECORD &
TV CTR., INC.
BUNKLEY SOUND SYSTEM
CHANNES APPL. CENTER
COX ENTERPRISES
CUSTOM SOUNDS

DARYL'S TV SATELLITE
RCVRS
DAY CONSTRUCTION
COMPANY
DAY SATELLITE SYSTEMS

DEER HUNTERS SUPPLY
DE WAAL'S VIDEO SVCS.,
INC.
DREAM COMMUNICATION
EAST TEXAS SATELLITE
SYSTEMS

EDWARD'S ELECTRONICS
ELECTRONICS-BY-HECK
ELECTRONICS SVC. CTR.
ENTERTAINMENT
WAREHOUSE, INC.

FISHER TV & APPL. CTR.
FOSTER RANCH AIRPORT
ELECTRONICS
FRANKLIN ELECTRONICS
GRAHAM TELEVISION
SYST. CTR.

GIFFORD RADIO & TV
GREEN'S APPL., INC.
HAWKINS DECORATIVE CTR.
HESS FURNITURE
HOUSE'S GOOD HOUSE
KEEPING SHOPPE

JERRY'S T.V. SVC.
JIMMY AUD ELECTRONICS
JOHNSON'S TV & APPL.
KENNETH NIGRELLI
LONGVIEW HOME CTR.

M & M ELECTRONICS
MACK'S TV
MULTICABLE SERVICES,
INC.

ORSAKS, INC.
PAT'S RECORD CTR.

PETROCHEM-CVTV
PHONOSCOPE
R & L ELECTRONICS
RIO RADIO SUPPLY, INC.

SATISFACTION ENTERTAINMENT
MONITORS, INC.
SATELLITE MASTER
SATELLITE TECHNOLOGY,
INC.

SATELLITE TELEVISION
SPECIALISTS
SATELLITE VIDEO
DISTRIBUTORS, INC.

SATELLITE VIDEO
SYSTEMS, INC.
SATELLITES OVER TEXAS
SCOTT'S ELECTRONIC CTR.,
INC.

SHAW TV & APPL.
SOUTHWESTERN
STEELCRAFTERS, INC.
STAR-COM SATELLITE SYST.
STAR SYSTEMS

TOM PADGITT, INC.
TOWN & COUNTRY TV
TRENTON ELECTRONICS
TRI-CITY TV SALES & SBC.
TV LAND

TV AND APPLIANCE WORLD
VIDEO COMM
VINSON TV & APPL.
VOL. 5, INC.

WESTSTAR ENTERPRISES
WHITES TV & APPL.
WHOLESALE ELECTRNC.
SUPPLY
WILSON TV &
RADIO SHACK DEALER
WINDHAM HOME
FURNISHING

UTAH
SATELLITE ANTENNA CO.
SUMMIT TV
VERMONT
THE BLODGETT & SUPPLY
CO., INC.

VIRGINIA
CNI SATELLITE SYST.
ORBIT SATELLITE SYSTEMS,
INC.
INTERNATIONAL MFM.
VIDEO
SES

SATVISION CO.
SATELLITE CONNECTION
STAR VIDEO SYSTEMS
STEREO VIDEO DISCOUNT
TRENTON ELECTRONICS
WEAVER SATELLITE &
COMM. ELECTRONICS

WORLD SAT-DIV. OF
LAWHORN, INC.
WASHINGTON
DICOM
ISLAND ELECTRONICS
RAYNEL'S, INC.

SATELLITE SCANNERS, INC.
TEVCO ELECTRONICS
TV ENGINEERING CO.
SATELLITE TRACKERS
NORTHWEST
SATELLITE TV SPECIALISTS
STAR TRON COR.

WASHINGTON, D.C.
KASS & SKALET, P.C.
SATELLITE TELEVISION
CORP.

WEST VIRGINIA
BERKELEY-SUNWOOD
SAT. SYST.
NORTH AMERICAN TEL-
COM, INC.

THE VIDEO SHACK
ULTRA TECH., INC.
WISCONSIN
AMATEUR ELCTRNC.
SUPPLY

BURELL
COMMUNICATIONS, INC.
CARLSON TV AND
ELECTRONICS
GATES TV

LARSEN FURNITURE & TV
LOCK TV SALES & SVC.
MERRIMAC SATELLITE
MID-STATE

COMMUNICATIONS, INC.
MURRAY ELECTRIC TV
QUALITY AL. CTR.
SAT PRO COMM., INC.

TEAM ELECTRONICS
TED McDONALD TV
VIDEO WORLD
WYOMING
ADVANCED SATELLITE
SYSTEMS

AUDIO VIDEO
CARBON COUNTY TV
& RADIO SHACK
CROSS CURTIS MATHES
SHOW ROOM, INC.

FOREIGN MEMBERS
 C.A.I.E. COMM., INC.
 CHANNELBEAM SATELLITE
 SYST.
 CLAYTRONIC INC.
 DRYDEN COMMUNITY TV
 LTD.
 GLETRONICS
 MICRO LINC CORP.
 NORTHSTAR COMM. LTD.
 OPEN SKY SATELLITE
 TELEVISION
 ORBIT TELEVISION LTD.
 PIROUETTE SATELLITE
 SYSTEMS
 RCP UNLIMITED
 COMMUNICATIONS, INC.
 SIGMACOM SYST., INC.
 SKY-BEAM TELEVISION,
 LTD.
 TELEVISION PAR SATELLITE
 ENGR.

Other Manufacturers and Distributor Members

ACTUATOR CONTROL TECH.
 ALLSAT
 ANIXTER-MARK
 ARUNTA SATELLITE
 TELECOMMUNICATIONS
 ASTRON DIVISION
 ATWOOD MOBILE
 PRODUCTS
 A/V ELECTRONICS
 MARKETING
 BASIC SYSTEMS
 B R SATELLITE
 COMMUNICATIONS
 CARPENTER ELECTRIC
 C.P.D., INC.
 CONIFER CORPORATION
 CONSUMER SATELLITE
 SYSTEMS
 D. H. ELECTRONICS
 DELCON HI-TEC, INC.
 DELTA SATELLITE CORP.
 DIAL-CO ENTERPRISES
 DOCKERY SATELLITE TV
 DX COMMUNICATIONS, INC.
 EARTH TERMINAL TV, LTD.
 FORTUNA
 COMMUNICATIONS CORP.
 FULTON MANUFACTURING
 CORP.
 H-COMM

HIGH FRONTIER
 DISTRIBUTION
 HOOESIER ELECTRONICS
 HORIZON SATELLITE
 DISTRIBUTORS
 INTERNTL. VIDEO
 COMM. CORP.
 KAUL-TRONICS, INC.
 KENT RESEARCH CORP.
 LONG'S ELECTRONICS
 LOWRANCE ELECTRONICS
 MERRIMAC INDUSTRIES, INC.
 MICROWAVE CONSULTANTS
 & MANUFACTURERS
 MID-STATES METAL LINES,
 INC.
 MICROWAVE APPLCTNS.
 GRP.
 MICRO-LINK SYSTEMS, INC.
 NATIONAL MICRO
 DYNAMICS
 NATIONAL MICROTCH
 NATIONAL SATELLITE
 COMMUNICATION
 OMEGA SYSTEMS, INC.
 P & R HOME SATELLITE SYS.
 PARACLIPSE OF
 CALIFORNIA
 PAULIN INDUSTRIES

QUARLES SATELLITE
 SYSTEMS
 RADIO SEMI-
 CONDUCTOR/LOCUM
 REED PUBLICATIONS
 SALES, INC.
 SATELLITE AMERICA
 SATELLITE ELECTRONICS
 INTERNATIONAL, INC.
 SATELLITE MASTER
 SATELLITE RECEPTIONS
 SYSTEMS
 SATELLITE SALES, INC.
 SATELLITE TELEVISION, INC.
 SATELLITE RECEPTION
 TECHNOLOGIES
 SATELLITE USA, INC.
 SKY SWEEPER SATELLITE
 SYSTEMS, INC.
 SKYTCH SYSTEMS, INC.
 SKYVIEW SATELLITE
 SYSTEMS, INC.
 SOUTHERN STAR SATELLITE
 SYSTEMS
 SOLAR BROTHERS
 SOUTHEAST SATELLITE
 DISTRIBUTORS, INC.
 STARTECH, INC.
 SOUTHERN STAR SATELLITE

SOUTH RIVER METAL
 PRODUCTS, INC.
 SRC INDUSTRIES
 STARVIEW SYSTEMS
 STARVIEW OF TEXAS, INC.
 SYNTRONIC INSTRUMENTS,
 INC.
 TEL-VI, INC.
 TELCOM INDUSTRIES CORP.
 TELSAT EAST
 TELSAT INTERNATIONAL,
 INC.
 TOTAL TELEVISION
 TRANSTAR CORP.
 U.P. SATELLITE
 UNITED SATELLITE SYSTEMS
 UNITED VIDEO, INC.
 UNIVERSAL SATELLITE
 MANUFACTURING
 VALLEY PRODUCTS CORP.
 VIA CABLE, INC.
 VIDEO SATELLITE CORP.
 WESTERCOM GROUP, LTD.
 WSC ELECTRONICS MFG.,
 INC.
 WILSON MICROWAVE
 SYSTEMS, INC.
 WINEGARD CO.

Calendar of Major Trade Shows Covering the Satellite Earth Station Industry

April 29-May 2, 1984

National Association of Broadcasters Annual Convention, Las Vegas, NV. For further information:
 (202) 293-3500.

May 7-9, 1984

'84 Sat Expo and Satellite Direct Conference, Sheraton Denver Tech Center, Denver CO. For further information contact: Leslie Howard (303) 761-1135.

May 15-18, 1984

Communications '84, International Exposition of Telecommunications, Radio and Information Technology, Birmingham, England. For further information contact: Industrial and Trade Fairs Ltd. (021) 705-6707. Birmingham, England.

June 3-6, 1984

Summer Consumer Electronics Show, McCormack Place, Chicago, IL. For further information contact:
 (312) 861-1040.

June 3-6, 1984

National Cable Television Association Annual Convention, Las Vegas, NV. For further information contact:
 (202) 775-3550.

July 1-7, 1984

New Products for Export, Louisiana's World Trade Fair. For further information contact: Sell Overseas America (213) 883-5237.

July 30-31, 1984

University of Wisconsin Extension's Second Annual Home Satellite TV Conference, Madison, WI. For further information contact: Heather Goldfoot (608) 262-6512.

August 13-15, 1984

Northwest Satellite Conference, MGM Grand Hotel, Reno, NV. For further information contact: Evelyn
 (503) 389-6611.

August 28-30, 1984

Satellite Communications Users Conference, Louisiana Superdome, New Orleans, LA. For further information contact: (303) 694-1522.

GENERAL INFORMATION

Registration

Convention Registration will be located in the Convention Center Lobby and will take place during the following hours:

Saturday 1:00 p.m.-8:00 p.m.

Sunday 7:00 a.m.-8:00 p.m.

Monday 8:00 a.m.-5:00 p.m.

Banquet Tickets

The Banquet featuring Joan Rivers and the Smothers Brothers and guest speakers will take place Monday evening March 19 at 6:00 p.m. Tickets are \$45.00 each and can be purchased at the Convention Registration Desk. Seating is limited so be sure to purchase your tickets early.

Badges

Conference badges must be shown for all meetings during the Convention. Security will check badges at entrances to all meetings, seminars and special events.

Speakers Check-In

All speakers and moderators are requested to report to the Convention Registration Desk located at the Convention Center Lobby on their arrival at the Convention.

Press Room

All members of the communications media are requested to register on their arrival at the Convention Registration Desk located in the Convention Center Lobby. There they will receive press badges, final programs, fact sheets, copies of speeches as may be available, and other information pertinent to their coverage of the Conference. A Press Room has been set aside for members of the media (The Vespasian Room) and will be available for their use throughout the Convention. All press releases and announcements will be available in the Press Room on a daily basis.

Transportation

Charter Bus Services

Gray Line Tours

1550 South Industrial Rd.

384-1234

Trailways, Inc.

217 North Fourth St.

385-1141

Westside Charter Services

120 West McWilliams

385-5949

Airlines

American Airlines	739-5273
Delta Airlines	646-1393
Eastern Airlines	739-5744
Frontier Airlines	739-5458
Northwest Orient Airlines	731-0083
Ozark Airlines	739-5102
Pacific Coast Airlines	739-5350
Pacific Express	739-5809
Pan American	
World Airways	739-5241
Republic Airlines	739-5493
Trans World Airlines	739-5333
United Airlines	739-5664
Western Airlines	739-5567

Smoking

As a courtesy to non-smoking Conference attendees, we request that individuals refrain from smoking while in Seminar Rooms.

Taxicabs

A-North Las Vegas Cab

5010 South Valley View Blvd.

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ABC Union Cab Company

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736-8444

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1910 Industrial Road

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1405 South Commerce Street

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386-9378

CONVENTION HIGHLIGHTS

Teleconference Downlinking Course

SPACE will introduce a new and exciting opportunity for earth station dealers at the Spring '84 Convention—a teleconference downlinking certification course. Teleconference services are being requested with increasing frequency by small and large companies nationwide. It is a service which qualified dealers can use to profitably expand their current businesses. The course is being offered on the first two days of the convention, Sunday, March 18 and Monday, March 19, and it will take place the entire day on both days. The teleconference downlinking certificate course is a comprehensive program for dealers who want to become a part of SPACE's nationwide network of certified teleconference downlinkers. The comprehensive course will cover such areas as equipment, sight surveys, microwave interference, marketing and problem solving. SPACE is fortunate to have as its featured guest speakers Doug Widner, Biznet, U.S. Chamber of Commerce; Bill Tillson, Netcom International; and Helen Lauck, Public Service Satellite Consortium (PSSC).

At the end of the course, attendees will be given an opportunity to test their knowledge. This will take place Tuesday March 20. Successful candidates will then be certified and join SPACE's resource of certified teleconference downlinkers who will be marketed nationally to these companies requiring downlinking services. This is the first time that SPACE has offered a program of this sort and we anticipate it to be one of educational value to all attendees. This is one opportunity earth station dealers and convention attendees will not want to miss. If you have not signed up for the teleconference downlinking certification course and intend to do so, please stop by the registration desk outside of the exhibit halls and sign up with SPACE personnel.

The Banquet

The third annual SPACE Convention Banquet will take place Monday evening March 19 at 6:00 p.m. in the Circus Maximus Showroom. SPACE is fortunate to have booked Caesars Palace's headline entertainment for the evening: Joan Rivers and the Smothers Brothers.

The Banquet will begin with dinner and will be followed by special speakers and presentations, with the evening's entertainment beginning at 9:00 p.m. The \$45.00 Banquet/Show ticket price includes all speakers, dinner and the entertainment. You will not want to miss this earth station industry event. Banquet tables for 4 or 10 people can be reserved at the Convention Registration Desk by purchasing these blocks of tickets in advance.

Technical Seminars

In addition to the special Teleconference Downlinking Certification Course, SPACE will present a variety of informational and educational seminars open to all Convention attendees. Topics will include, "The Satellite System: How it Works and Where it's Going," "TVRO Antennas: Theory, Practice and Selection," "Low Noise Amplifiers and Converters," "Scrambling Techniques," "Microprocessor Control of TVRO Systems," and "TVRO Receivers." Presentations will be made by Dr. Taylor Howard, Robert Luly, Dr. Mark Medress, Jacob Inbar, Peter Hallenbeck, and David Stogner. The Technical Seminars will take place in the morning of all three days of the Convention.

Convention Meetings

Saturday March 17

SPACE Board of Directors Meeting
2:00 p.m. Romulus & Remus Room

Sunday March 18

Breakfast sponsored by Radio Semiconductor
9:30 a.m. Regalium West Room
by Invitation

Breakfast for Senator Robert Dole
9:30 a.m. Spanish Steps Restaurant
by Invitation

Press Conference sponsored by Luxor Corp. and Magnum Microwave
6:00 p.m. Caligula Room

Dinner sponsored by Echosphere Corp.
7:00 p.m. Regalium West Room
by Invitation

7:00-9:00 p.m. Cocktail Reception Sponsored by Wade Communications
Regalium East Room
For Private Cable operators

Monday March 19

SPACE Annual General Meeting
9:00 a.m. Coliseum I and II

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TELECONFERENCE COURSE

Schedule for Featured Guest Speakers and Topics

All sessions will take place in the Sports Arena

Sunday, March 18

- 10:00 a.m. **INTRODUCTION**
Dave Johnson, Chairman of the
Board of SPACE
- 10:15 a.m. **TELECONFERENCING OVER-
VIEW AND TRENDS**
Doug Widner, Manager of Network
Operations of BIZNET (a division of
U.S. Chamber of Commerce and
one of the nation's largest
teleconferencing businesses).
- Noon **U.S. SENATOR
ROBERT DOLE**
Special Guest Speaker
Coliseum I and II
- 1:30 p.m. **PUBLIC SERVICE
SATELLITE CONSORTIUM
REQUIREMENTS FOR
DOWNLINK OPERATORS**
Helen Lauck, Director of
SATSERVE, PSSC's Tele-
conferencing Network
- 2:45 p.m. **TECHNICAL ASPECTS OF
THE TELECONFERENCES:
TAKING THE VIDEO/
AUDIO FROM THE EARTH
STATION TO PROJECTION/
AMPLIFICATION**
Richard Soalla, Director of Broad-
cast Engineering for BIZNET

Monday, March 19

- 10:00 a.m. **TERRESTRIAL
INTERFERENCE**
Bill Johnson, Microwave Filter
Company
- 11:30 a.m. **NETCOM EQUIPMENT
REQUIREMENTS**
Bill Tillson, President, Netcom, Inter-
national Inc.
- 12:30 p.m. **BREAK**
- 1:30 p.m. **EQUIPMENT
REQUIREMENTS FOR
TELECONFERENCING**
Robert Cooper, Coop's Satellite
Digest
- 6:00 p.m. **CONVENTION BANQUET**

Tuesday, March 20

- 10:00 a.m. **REVIEW QUESTIONS &
ANSWERS**
- 11:30 a.m. **TESTING**
- 1:30 p.m. **HANDS ON
DEMONSTRATION**

*Note: Audio tapes of other sessions will be available for those
taping the teleconference course.

The views of speakers do not necessarily represent the
views of SPACE. No speaker's product or service is en-
dorsed by SPACE.

TECHNICAL SEMINARS

Throughout the three day convention, SPACE will sponsor technical seminars open to all Convention registrants. The technical seminars will continue SPACE's tradition of providing expert speakers covering topics of concern to all industry members.

Schedule of Technical Seminar Guest Speakers and Topics

All sessions will take place in the Coliseum I and II

Sunday, March 18

- 7:00 a.m. REGISTRATION
- 10:00 a.m. OPENING SESSION
Greetings from Chairman of the
Convention Committee, SPACE
Board Director Bob Behar
- 10:30 a.m. "THE SATELLITE SYSTEM:
HOW IT WORKS AND
WHERE IT'S GOING"
Taylor Howard, Chaparral
Communications
- 11:15 a.m. "TVRO ANTENNAS: THEORY,
PRACTICE AND SELECTION"
(demonstration of the portable
antenna)
Robert Luly, President, ~
Luly Telecommunications 3
- Noon KEYNOTE ADDRESS BY U.S.
SENATOR ROBERT DOLE
- 1:00 p.m. GRAND OPENING SPACE
SPRING '84 INTERNATIONAL
EXHIBITS

Monday, March 19

- 8:00 a.m. REGISTRATION y
- 9:00 a.m. SPACE GENERAL
MEMBERSHIP MEETING
(complimentary coffee, tea, danish)
- 10:00 a.m. "LOW NOISE AMPLIFIERS
AND CONVERTERS,
PRESENT AND FUTURE"
Jacob Inbar, President, California
Amplifier S
- 10:45 a.m. "SCRAMBLING
TECHNIQUES AND THE
EFFECTS OF SCRAMBLING
ON THE TVRO
MARKETPLACE"
Dr. Mark F. Medress, M/A-COM
Linkabit Inc. u

Tuesday, March 20

- 10:00 a.m. "MICROPROCESSOR CON-
TROL OF TVRO SYSTEMS"
Peter Hallenbeck, Kent Research
Corporation 7
- 10:45 a.m. "TVRO RECEIVERS: WHAT'S
RIGHT FOR YOUR
INSTALLATION?"
David Stogner, AVANTEK Inc. 8

Exhibit Hall Sunday 1:00 p.m.-8:00 p.m.
Hours Monday 10:00 a.m.-5:00 p.m.
Tuesday 10:00 a.m.-5:00 p.m.

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- Selection of matrix or discrete stereo, and of narrow-band frequencies that allow reception of FM stations.

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SPECIAL GUEST SPEAKER

U.S. Senator Bob Dole

U.S. Senator Bob Dole was born July, 1923 in Russell, Kansas, the son of a grain elevator manager. He attended local schools, the University of Kansas at Lawrence, the University of Arizona in Tucson, and earned his law degree in 1952 from Washburn University in Topeka.

Senator Dole, a Republican, has been called "one of the most powerful and effective politicians in Washington," and "the most effective committee chairman in the United States Senate." *U.S. News and World Report* ranked him as the 14th most influential American in a recent survey of "Who Runs America." Senator Dole is currently chairman of the Senate Finance Committee, Senior Republican of the Senate Agriculture Committee, Co-Chairman of the Helsinki Commission, Co-Chairman of the Joint Committee on Taxation, and a Member of the Senate Judiciary and Rules Committees.



Bob Dole was gravely wounded and twice decorated for heroic achievement on an Italian Battlefield in World War II. Later, while still enrolled in law school, he was elected to the Kansas legislature. He served four terms in the U.S. House of Representatives and he was elected to the U.S. Senate in 1968. For two years he was the Republican party's national chairman and was selected as President Ford's running

mate in 1976. In 1980, he campaigned again as a Republican presidential candidate.

His support for such programs as food stamps, civil rights and women's equity has drawn praise from many quarters. He is a lifelong advocate of the rights of veterans, the handicapped and the disadvantaged. He has been honored by a wide array of organizations from VFW to Common Cause. He has gained national prominence as the master of compromise. He oversees Medicare, Medicaid, Social Security, international trade, and unemployment compensation and his legislative skills helped to save the Voting Rights Act and sweeping tax reform and vital farm legislation. The *Washington Post* calls Senator Dole "The New Lion of Capitol Hill."

SPACE is honored to have a man who is a leading politician and one of the towering political figures in America address its Spring '84 Convention and International Exhibition.

Technical Speakers

Robert Behar

Mr. Behar is a past President of SPACE, an original Pioneer Member, a member of the Board of Directors since its inception, and has served as Chairman of SPACE's Conventions and Exhibitions. Mr. Behar is President of Hero Communications, Inc., and his involvement in the satellite industry dates back to 1978. He is active in manufacturing and installation with a specialty in international sales and installations.

Robert Cooper, Jr.

Mr. Cooper is the acknowledged father of the home earth station industry and one of the original founders of SPACE. He publishes *Coops Satellite Digest* which, to

many, is the preeminent publication on earth station technology.

Peter Hellenbeck

Mr. Hellenbeck graduated from Purdue University in 1977 and received a B.S. degree in Electrical Engineering. He started a company called Petronics, Inc. which specialized in microprocessor based control systems. Mr. Hellenbeck is currently affiliated with Kent Research Corp. in Troy, NY.

Taylor Howard

Dr. Howard was the first President of SPACE and is a professor emeritus at Stanford University, as well as a NASA scientist and an active consultant to the earth station industry. He

is also Director of Resource and Development of Chaparral Communications and is a member of its Board of Directors. His company is a member of the SuperFund. He has been active in SPACE as a member of the Board of Directors since its inception and authored SPACE's comments on two degrees spacing. Dr. Howard was also awarded a lifetime membership in SPACE by the Board of Directors in 1981.

David Johnson

Mr. Johnson is chairman of the Board of SPACE and Paradigm Manufacturing, Inc., in Redding, C.A. In the past year, he has actively assisted SPACE in many significant ways, including meeting with the

Department of Justice, the Department of Commerce and BizNet. Dave is a frequent speaker and consultant to those interested in the Satellite Earth Station business.

Helen Lauck

Ms. Lauck is Director of Network Services for Services by Satellite (Sat-Serv), a subsidiary of the Public Service Satellite Consortium and is responsible for the planning and development of network services and activities, as well as client relations. Ms. Lauck is also the director of the National Satellite Network, the video-conferencing service of the PSSC. Before joining PSSC, she was the Public Information Assistant for the Satellite Technology Demonstration of the Federation of Rocky Mountain States, where she assisted in developing the public relations program for NASA's experimental satellite program.

Bob Luly

Bob Luly is the President of Luly Telecommunications. For the past five years, he has been developing and marketing electronic equipment for the industry such as an electric polarizer and a transportable antenna. Mr. Luly has 25 years of experience in the electronics field and has taught electronics on the college level.

Mark Medress

Dr. Medress is presently assistant Vice President of the Video Products Group for M/A-Com Linkabit, which is responsible for secure satellite television scrambling systems. Before joining M/A-Com in 1982, Dr. Medress worked for ITT for three years involved in speech processing research and before that at Sperry Univac. He received his PhD from MIT in the field of computer recognition of speech.

Richard Soalla

Mr. Soalla is Director of Broadcast Engineering for BIZNET, a division of the U.S. Chamber of Commerce. He was formerly a Broadcast Engineer for White House Communications. Mr. Soalla was also a Design Engineer for Video Systems at the White House and Executive Office and also worked as a Supervising Engineer at NBC in Washington, D.C.

David Stogner

Mr. Stogner received his B.S.E.E. degree from San Jose State University in 1970 and his M.S.E.E. degree from San Jose State in 1972. He started with AvanteK in 1972 as a design engineer, and became engineering manager in 1975. Mr. Stogner is presently a Senior Engineering Manager with AvanteK and has held that title since 1981. He is also a member of the I.E.E.E.

Bil Tillson

Mr. Tillson is President and CEO and Chairman of the Board of Netcom International Inc. Netcom was founded by Mr. Tillson in November 1980 and is involved in the delivery of programming via satellite. Prior to that, Mr. Tillson was General Manager for Swanson Art Galleries. He graduated from the University of New Hampshire at Keene with a Bachelor of Arts degree.

Hank Turek

Major domo of earth station conventions. Mr. Turek can usually be found directing booth set-ups., antenna placements or generally trouble shooting in the Exhibition Hall. He has tirelessly devoted his time, energy and expertise to making the industry's conventions successful and SPACE is indebted to Mr. Turek for his efforts.

Doug Widner

Mr. Widner is presently manager of Network Operations for BIZNET, which is a division of the U.S. Chamber of Commerce. He was formerly an Experimental Time Allocations Controller with NASA on the CTS Program. Mr. Widner was also Network Coordinator with the Public Service Satellite Consortium (PSSC) and was Director of the National Satellite Network.

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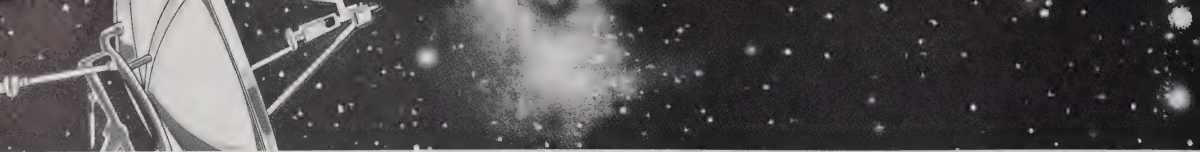
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Satellite TV program guide.

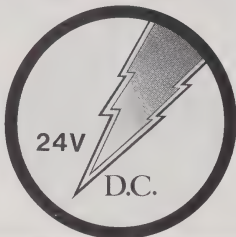
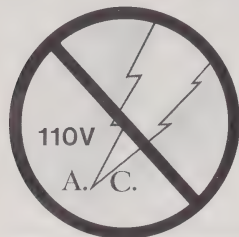
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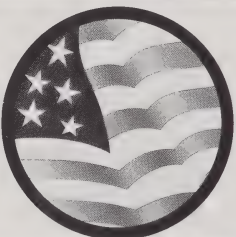
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Most antenna drive systems suppliers depend on outside vendors for the motor/gearbox/tube assembly that goes on the dish. The Saginaw Steering Gear Division of General Motors is a popular choice. At Superwinch we build our own *complete* system, actuator included. Why do most of our competitors buy instead of build? Because many do not have the expertise, or the manufacturing facilities to make their own. Because we build the complete system, we can do it at less cost and control the quality, performance, and delivery of the entire system. We don't blame the actuator vendor if the system fails. *We take responsibility for the whole system.*



Frankly, we are not impressed with the quality of most imports. Furthermore, lead times can be long, deliveries problematical, and warranty obligations difficult to enforce. Often, the initial costs of imported products are lower. *However, Superwinch believes that our interests and those of our customers and our country are best served by the finest label of all - Made in the U.S.A.*



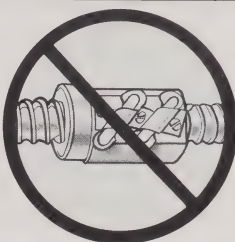
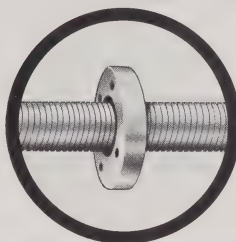
This magazine probably contains at least one ad for a new actuator supplier. We have nothing against new enterprises - we were one in 1970. As a buyer, you should assure yourself that your supplier has substance, that he'll be there when needed, and has the resources to help you if you have problems. As a clue, check to see the supplier's level of support for our industry association - SPACE. Only 3 of the 63 actuator suppliers are Pioneer members of SPACE and only 2 are committed contributors to SPACE's Superfund. *Superwinch is both.* Since 1970, we've built over 500,000 electric lifting and pulling machines. *Superwinch will be here next year.*



POT, short for potentiometer, is more common in the TVRO industry than at rock concerts. POT's are a means of determining where your dish is aimed. They have a serious drawback, in our opinion, in that they are temperature sensitive. Unlike most of our fellow suppliers, we start with a benchmark (the Down Limit Switch) that positively provides a 0.0.0. reading every time. Using magnets and a magnet-sensitive switch, we count up from 0.0.0., each digit representing 80/1000ths of an inch of travel. It's accurate, less costly, and can always be reset to zero by fully contracting the actuator. *Superwinch has never used POT.*

MORE VARIETIES THAN BASKIN-ROBBINS! HOW DO YOU MAKE AN INFORMED CHOICE? AT SUPERWINCH, WE HAVE A PRODUCT AND BUSINESS PHILOSOPHY THAT MAY HELP YOU NARROW THE FIELD...*

The two common driving mechanisms in an actuator are a ball screw or an Acme screw. We prefer the Acme. Why? Because it's simpler than a ball screw and is, therefore, less costly. Because it has less backlash (slop) in its construction, it is more positive, accurate, and won't rattle in a high wind. *Superwinch uses only Acme thread drives.*



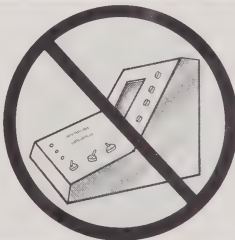
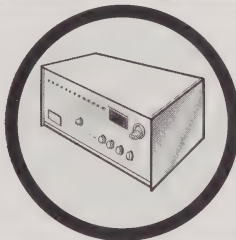
Many actuator controls look like telephones. Keypads, switches, and buttons galore. You don't want to call long distance; you simply want to go from, let's say, F3 to W4. Perhaps you can remember the codes but can other members of your family do the same? On our Skywalker II, you release the Select button when the scanning light comes to rest on the bird you want. You key in nothing. Initial programming of all the satellites takes 15 minutes.

No lengthy warm-up period required.



Appearance is an important consideration. Our controls no longer look like model railroad transformers (we confess, they did at first), nor do they sport wooden sides like bookends. Our controls are high tech and they look it. Everything is in one package (do you really need more boxes and wires in your video setup?). All Superwinch controls use an extruded brushed aluminum face with pebbled black vinyl covered top and sides.

It looks good and it works better.



It's been said that our Skywalker actuator is noisy. Compared with others, it is. After all, a Kenworth or Peterbilt makes more noise than a Honda Civic - but it also gets more done. Our 1/2 HP motor coupled to our solid steel geartrain generates more sound than a 1/15 HP motor driving plastic gears. Your compensation?

Our Skywalker can be used on small dishes, sure, but also on 12 to 15 footers. Snow, ice, and cold don't bother us. Beware of the fine print ("suitable for smaller dishes in mild climates"). At Superwinch, we believe there is no substitute for adequate power.



* Our agency said this ad was too long, too busy. They said you wouldn't take the time to read it. We ran it anyway because you've got a lot of choices in actuators and we believe that your informed choice will benefit both of us.



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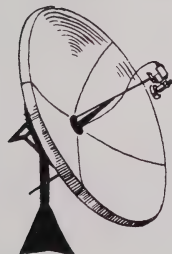
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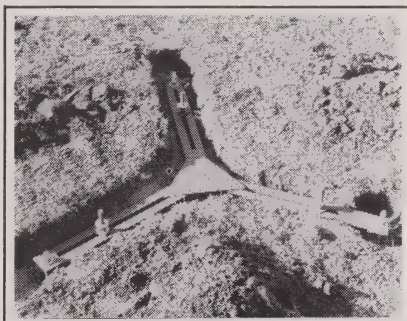
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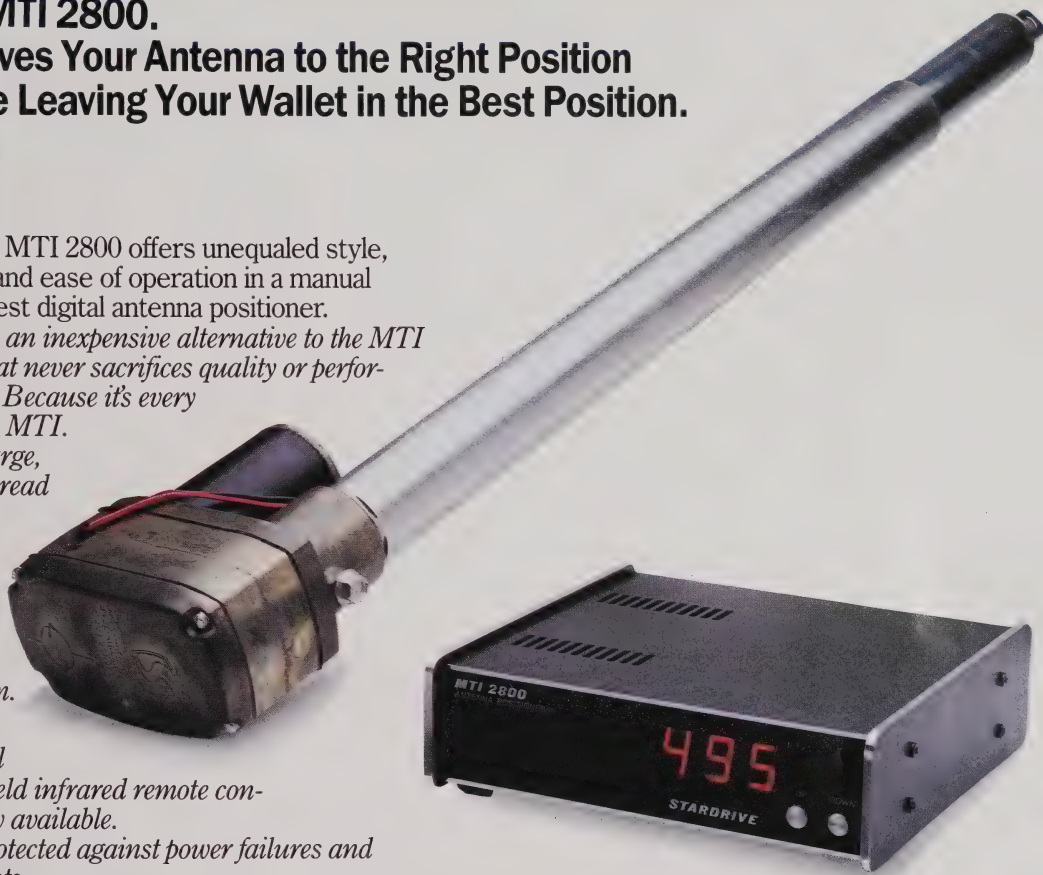
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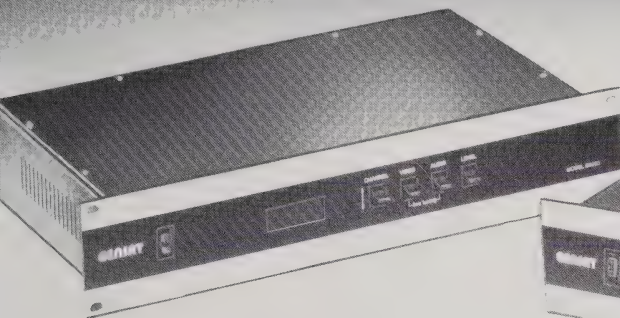
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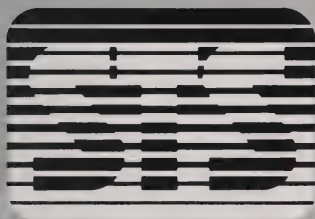
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Booth #291, 300

Woody Woodruff, Larry
Woodruff, Jr., Timothy
Woodruff, Duane Milton, Kurt
Taylor, Mike Allen, Bill Sheets

Box 70
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(916) 337-6202

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Complete TVRO systems.

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Jim Wilson, Al Tamura, Bob
Covarrubias, Curtis Walker,
Angel Garcia, Dr. Charles
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Henderson, NV 89015
(702) 458-0144

Winegard Company

Complete TVRO systems.

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Harry E. Rheinschmidt, Hans
Rabong, Jr., Jim Riffel, John
Schweizer, Kurt Gadau, Sandie
Powell, Russ Heerdt, Ben
Hedges, Jean Roedefer, Bob
Fleming, Jerry Von Behren,
Randy Winegard

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Burlington, IA 52601
(319) 753-0121

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Antennas.

Booth #236

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Santa Ana, CA 92705
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Lawhorn, Gordon Armstrong
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Mechanicsville, VA 23111
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Manufacturers of LNAs, LNBs,
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satellite products, encryption
devices.

Booth #65

Mike Stevens, Rod Wheeler,
Norm Tyson, Tom Atkinson

Unit 205
19425 Langley Bypass
Surrey, B.C. B3S6K1
(604) 533-4371

Delcon Hi-Tec

Receivers.

Booth #139, 140

William Kwak, Jerry Startup,
Linda Williams, Dolly Rosales
8245 Remmet Ave.
Canoga Park, CA 91304

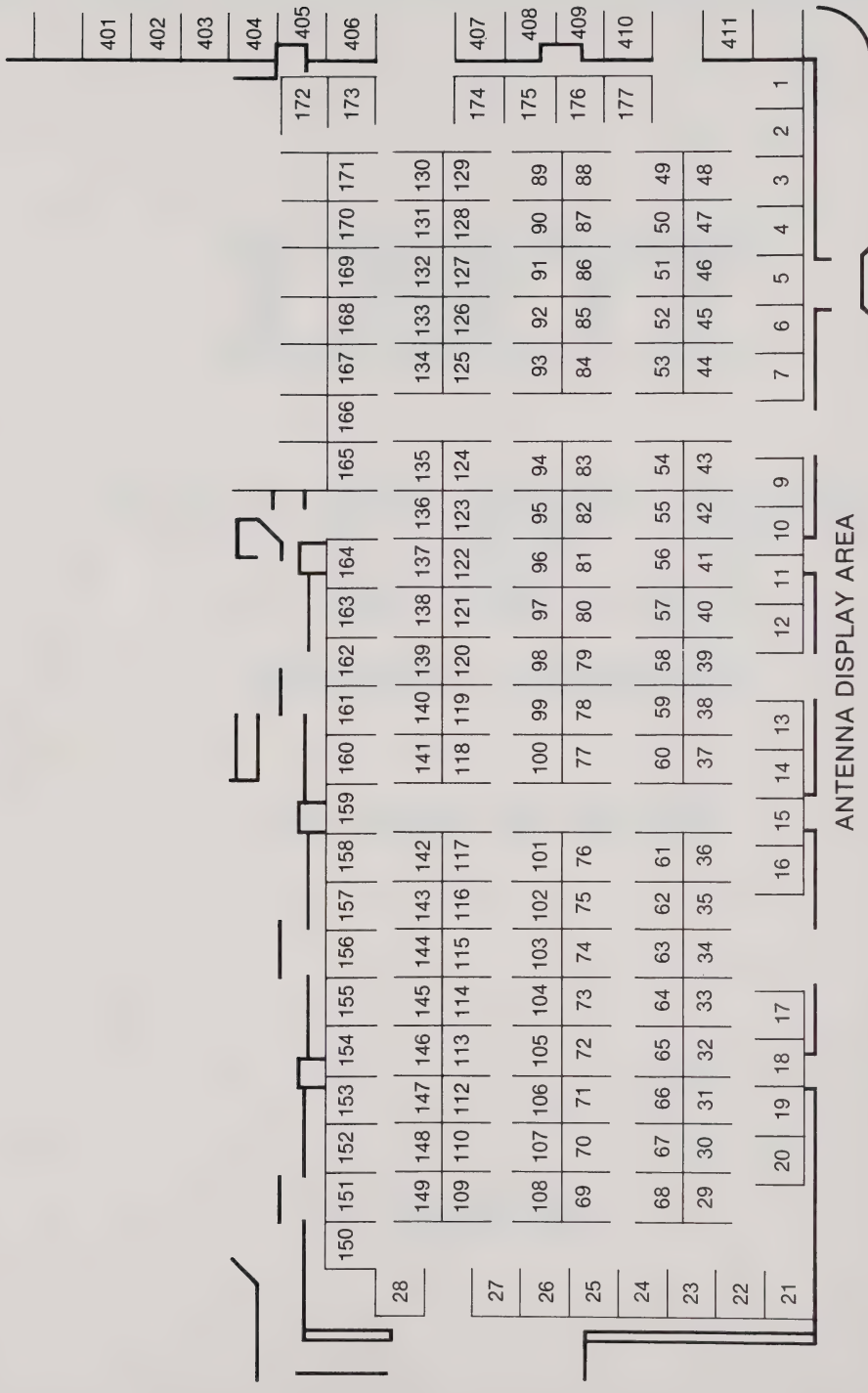


**Innovative Satellite TVRO products
From a world leader in
Microwave Technology**

We'll help your business grow!

Booth #63 & 64

BOOTH MAP



COLOSSEUM COMPLEX



SPACE Today

Working to protect the rights of satellite earth station users and to ensure the future of the earth station industry, SPACE is the three-year old Washington, D.C.-based trade association comprised of earth station manufacturers, distributors, dealers, users and private cable operators. SPACE has been active on all fronts where the rights of satellite earth station users are at stake:



- Federal Trade Commission
- Commerce Department
- Justice Department
- State Department
- Congressional Research Service
- National Telecommunications Information Agency (NTIA)

Also, on the National Level:

- SPACE maintains ongoing negotiations for program viewing

rights with all major programmers and has succeeded in negotiating contracts with SelecTV; ON TV; ESPN and ACSN.

- SPACE has been preparing antitrust litigation to file should the major subscription services scramble their signals and refuse earth station users access to the programming.
- SPACE created the Defense Fund to ensure the Association's capacity to combat attempts to cut-off the earth station industry from programming when the major services scramble.

State and Local Action

- Zoning—SPACE has taken the undisputed lead in championing the rights of earth station users to operate their systems without interference from local zoning ordinances. SPACE publishes *The Satellite Earth Station Zoning Book*, to address zoning issues.
- State Legislation and Legal Action—SPACE monitors all state proceedings which could affect the industry and recently participated in proceedings in Maryland and Texas.
- SPACE provided key assistance in Minnesota and other areas when local governments attempt to regulate private cable (SMATV) operations.

Membership Services

SPACE is a full service trade association with numerous membership benefits and services.

- SATVISION, the glossy monthly membership magazine.
- Inside SPACE, the exclusive weekly confidential newsletter for Pioneer members.
- Nationwide seminars on private cable (SMATV) industry
- Conventions, SPACE now plans two conventions annually for the earth station industry, the next one planned November 3-5, Orlando, Florida.
- Publications, SPACE prints numerous publications for earth station consumers and dealers including:

Congress

- For the past three years, SPACE has successfully fought federal anti-piracy legislation which could have outlawed earth station use.
- SPACE testifies before Congress to ensure the rights of earth station users.
- SPACE has obtained the support and public testimony of Senators and Congressmen on behalf of the earth station industry.
- SPACE monitors all federal legislation to assess its impact on earth station viewing rights.

Federal Communications Commission

- Opposed merger of Westinghouse/Teleprompter and negotiated with all parties involved in the merger in order to obtain program viewing rights.
- Obtained a directive from Chief of FCC Field Office Bureau instructing FCC inspectors that earth stations are legal.
- Filed comments in New Jersey Private Cable (SMATV) proceeding which requests FCC to preempt state regulation of private cable.
- Monitoring FCC meetings preparing for 1985 World Radio Conference which will allocate satellite slots.
- Active participation in the FCC proceeding in Orbital Spacing.
- Addressed the en banc meeting of the FCC Commissioners to educate them about the satellite earth station industry.

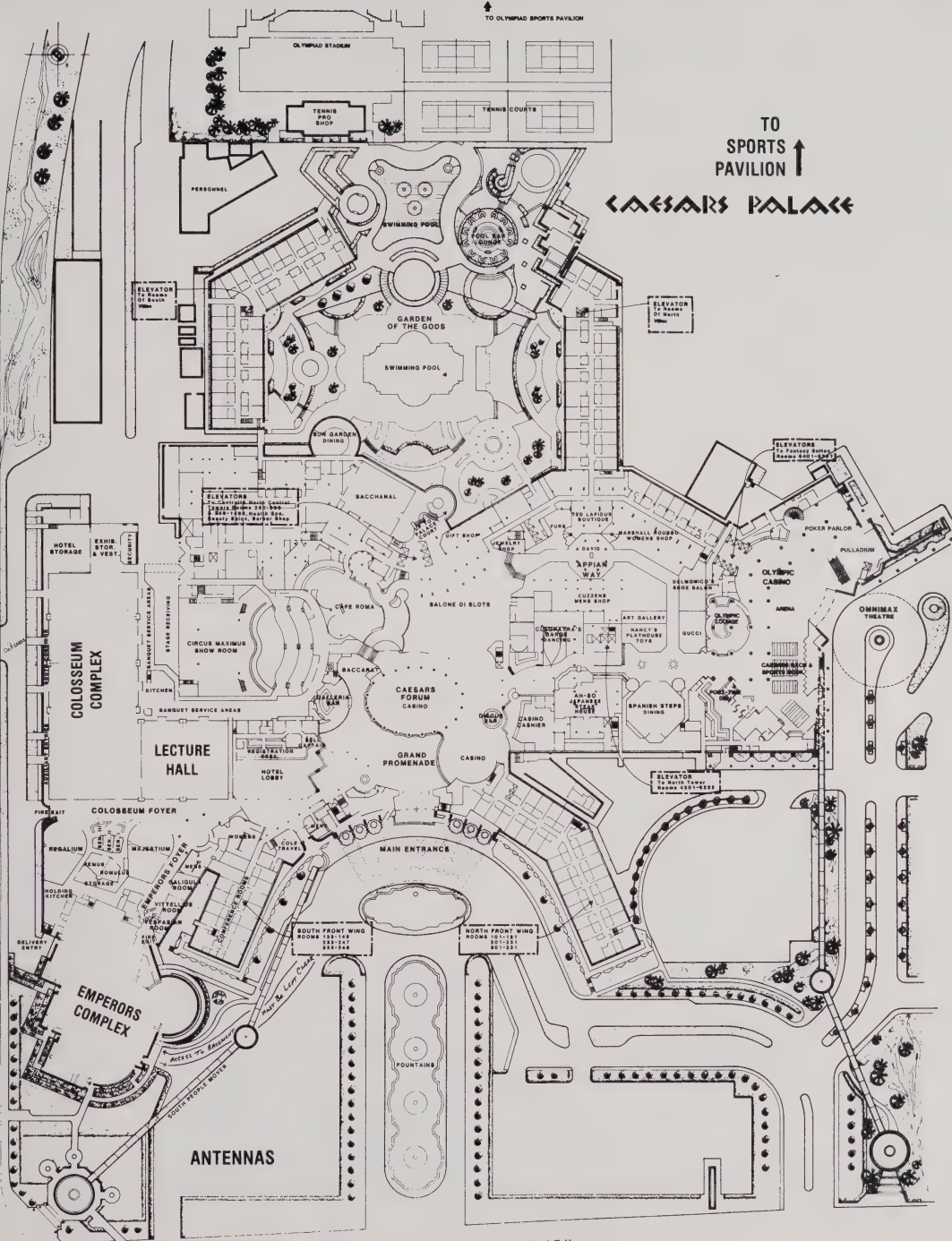
Other Federal Agencies

SPACE also acts as a watchdog for other federal agencies—alerting the industry when trouble is brewing and taking advantage of any opportunities to obtain agency decisions beneficial to the industry. SPACE is currently involved in proceedings before:

↑ TO OLYMPIAD SPORTS PAVILION

TO
SPORTS
PAVILION ↑

CAESARS PALACE



LAS VEGAS BOULEVARD SOUTH

HIGHLIGHTS OF LAS VEGAS

"The Strip"

Las Vegas is called the "Entertainment Capital of the World" and when landing in this desert city at night the truth of that statement is unquestionable. The name Las Vegas immediately brings to mind glittering casinos, dazzling nightclubs and famous hotels. There are over 200 hotels and motels located within a four mile radius, and no other city can boast accommodations of up to 53,000 guest rooms within such a small area. "The Strip" is world renown for its gambling casinos, nightclubs and a variety of entertainment which makes this city sparkle 24-hours a day. There is no other city in the world like it, and tourists flock here from around the world to enjoy not only the night life but the ideal dry desert climate as well.

Las Vegas is the perfect site for combining business and pleasure, providing you have the stamina to partake of all the activities that the city has to offer. Top stars of screen, stage and television entertain nightly in Las Vegas, along with some of the most lavish music and theatre productions ever presented on American or European stages. Here you can be treated to a dazzling variety of entertainment in the elegant theatre restaurants of the famed "strip" hotels, on the stages of the colorful casino clubs and in lively hotel theatre bars where the words "closing time" are never heard.

The southern Nevada climate graces the city of Las Vegas with sunshine and dry weather almost 350 days of the year. Every hotel offers outdoor swimming pools, sunning areas and tennis for those who would rather spend the day relaxing rather than touring the exhibit hall.

Because you will want to take advantage of a Las Vegas show or two, in addition to the Joan Rivers/Smothers Brothers Show which takes place at the SPACE Banquet Monday night, March 19, we have included a listing of all major shows and the hotels where they are appearing on the next page. Almost all of the hotel showrooms offer two performances nightly and all shows require reservations which can be made from your hotel. The management recommends that you arrive at the show one hour before show time as seating is always a premium.

Hoover Dam and Lake Mead

Of course, gambling and night clubs are not the only tourist attractions in Las Vegas. Just a few miles from the strip are other world-famous visitor attractions. One of the engineering wonders of the world, Hoover Dam, rises high above beautiful Lake Meade and is located less than an hour away from Las Vegas. Hoover Dam is, without precedent, the greatest dam constructed in its day. Rising 726 feet above bedrock, Hoover is still the Western Hemisphere's highest concrete dam. It is 660 feet thick at its base, 45 feet thick at its crest and stretches 1,244 feet across Black Canyon. Hoover Dam was constructed to control and regulate the lower Colorado River, which annually flowed through parts of the states of Arizona and New Mexico, destroying homes, crops and heavily damaging highways in the Spring when the runoff from the Rocky Mountains caused unharnessed flooding. Construction of the Hoover Dam began in 1931 and since that time the Dam and the All American Canal System have carried water to parched farmlands in California, New Mexico and Arizona.

The construction of Hoover Dam created Lake Meade which is America's largest man-made reservoir. The Lake backs up 110 miles behind the Dam and irrigates 750,000 acres of land in this country as well as 500,000 acres of land in Mexico. The Lake provides water to municipalities such as Los Angeles, San Diego, Phoenix and Tucson. Lake Meade is one of America's most popular recreation areas. With a 12-month dry season, this area attracts more than 5,000,000 visitors each year for swimming, boating, skiing and fishing. Lake Meade also provides sanctuary for many species of water fowl and other types of birds. Guided tours take place between 8:30 a.m. and 4:15 p.m. daily. Tours can be arranged through

Valley of Fire and Old Nevada

A few miles from Lake Meade and within an hour's drive of Las Vegas are the Valley of Fire and Old Nevada. The Valley of Fire is a natural canvas of growing desert color on a landscape thousands of years old. Old Nevada is an historical fort which recreates the colorful past with special tours and restorations of the history of the Old West.

Nevada State Museum

The Nevada State Museum and Historical Society facility in Las Vegas offer visitors a number of distinctive views and dimensions of southern Nevada's past. When the museum was constructed in 1982, the building was the largest structure of its kind in Nevada built expressly as a museum. The museum features four major galleries: the Historical Gallery focuses on the history and development of Clark County and Las Vegas; the Anthropological/Archeological Gallery emphasizes prehistoric life and culture in this area; the flora, fauna and geographical characteristics of the region are featured in the Hall of Biological Science. Finally, there is a Changing Gallery which will have a variety of exhibits on topics of both general and Nevada interest. The Historical Society Research Area has a variety of resources for the general patron and the scholar alike. Located on Twin Lakes Drive in Las Vegas, the hours are 8:30 a.m. until 4:30 p.m. Wednesday through Sunday.

Southern Nevada Museum

The Southern Nevada Museum is located in Henderson, Nevada, just a short drive from Las Vegas. Started in 1968, this museum provides a collection of Indian and western artifacts, as well as a chronological history of southern Nevada ranging from fossils, dinosaurs, mining and old time gambling up through World War II and the atomic bomb. Outdoor displays include old-time mining equipment, a Paiute Village, a cactus garden, nature trail and an 1880 ghost town. Admission is \$1.00 for adults, \$.50 for children and tours are available upon appointment to schools, clubs and organizations. (702)565-0907.

Mount Charleston

High above the Las Vegas valley is Mount Charleston. Winter months bring snow and excellent skiing to this area, and summer months provide a cool retreat from the desert climate. It is easily within a half-hour's distance from Las Vegas. Mount Charleston also offers horseback riding, hiking and camping.

LAS VEGAS SHOW CALENDAR

"Beyond Belief"

Starring Siegfried & Roy
Frontier Showroom 734-0110
Continuous Performances

"Bal du Moulin Rouge"

Starring Suzanne Somers
Las Vegas Hilton Main Showroom
732-5111
Continuous Performances

"Jubilee"

MGM Grand Ziegfeld Room
739-4111
Continuous Performances

Liberace March 17, 18

Paul Anka March 19, 20

Riviera Versailles Theater 734-5110

Bobby Vinton March 17, 18, 20

Sahara Congo Room 727-2111

"City Lites"

Flamingo Hilton Showroom
733-3111
Continuous Performances

Tommy Bell

Sands Copa Room 733-5000
Continuous Performances

"Lido de Paris"

Starring Bobby Berosini's
Orangutans
Stardust Cafe Continental
732-6111
Continuous Performances

"Dream Street"

Desert Inn Crystal Room 733-4444
Continuous Performances

Sonny King

Stardust Lounge 732-6111
Continuous Performances

"Old Tyme Burlesque"

Maxim Cabaret Showroom
731-4300
Continuous Performances

"Flash Dance Fever"

March 17, 18, 20
Las Vegas Marina Showroom
739-1500

"Fire and Ice" March 17, 18, 20

Hacienda Bolero Lounge
739-8911

The Shauntee Brothers

March 17, 18, 20
Hacienda Fiesta Showroom
739-8911

John Wills and Family Tradition

Flamingo Hilton Lounge 733-7111
Continuous Performances

Irish Show Band

The Royal Dixie Jazz Band

Barbary Coast Lounge 737-7111
Continuous Performances



Joan Rivers and the Smothers Brothers will be appearing at the SPACE Banquet Monday, evening March 19

LUXOR/MAGNUM Announcement:

Beginning January 1st, 1984, Luxor A.B. of Sweden and Magnum Microwave Corporation of California joined forces in the creation of a *Joint Marketing Effort* which brings to the TVRO Marketplace a "Best of Both Worlds" organization that is unique in the industry.

The two companies present a product range and a combined experience in both high technology and consumer marketing. The organization assures constant state-of-the-art design, expanded quality production and the ability to support Luxor/Magnum products with responsive customer service.

With a world-wide commitment to the TVRO Industry and with the know-how to back up that commitment, Luxor/Magnum clearly intends to be at the forefront of TVRO technology now and in the years to come.

Introducing



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Magnum

Microwave Corporation

365 Ravendale Dr.
Mountain View, CA 94043

Perfectly paired for quality performance

See us at the SPACE SPRING '84, Las Vegas, March 18, 19, 20.

Things To Do

Other Scenic Attractions

Las Vegas is located in the hub of four western states. It is easy to reach famous scenic areas such as the Grand Canyon, Bryce and Zion National Parks, Glenn Canyon Dam, Lake Powell and Death Valley from Las Vegas. Daily tours are arranged through several of the major hotels in the city. Death Valley is only 135 miles from Las Vegas and is considered to be the lowest point on the American Continent, 280 feet below sea level. The Grand Canyon is 300 miles from Las Vegas or 1½ hours by airplane. There are several ghost towns within easy driving distance of Las Vegas. For instance, Potosi is 25 miles southwest of Las Vegas. Located on an old Spanish trail, this is the state's oldest lode mine. Goodsprings is 35 miles southwest of Las Vegas and was a booming mining town around the turn of the century. El Dorado Canyon is 40 miles southwest of Las Vegas and is located within a narrow rugged canyon. Tours to these areas can be arranged through the following facilities: Grey Line Sight Seeing Association, Inc., 1550 South Industrial Road, 384-1234; LTR Sightseeing Tours, 101 North Mojave Road, 384-1230; Air Nevada, McClarren International Airport, 736-8900; Lake Meade Air, Boulder City, Nevada, 293-1848; Scenic Airlines, 241 East Reno Avenue, 739-1900.

Ethel M Chocolates

Factory Tour/Botanical Garden
& Cactus Display
Two Green Valley Business Park
Henderson 89015

458-8864

Imperial Palace Antique Auto Collection

Imperial Palace Hotel
3535 Las Vegas Boulevard, South
Las Vegas 89109

731-3311

Liberace Museum

1775 East Tropicana
10:00 a.m. to 5:00 p.m. daily
Las Vegas, 89109

731-1775

Old Nevada

West Charleston Boulevard
(20 miles west)
Open 7 days a week

875-4191

Old Vegas

2440 South Boulder Highway
Open 7 days a week

564-1311

HORSEBACK RIDING

Big Valley Riding Stables
6291 South Pecos Road

456-9939

Bonnie Springs Ranch

Old Nevada 89004

875-9103

Mt. Charleston Stables

Highway 39/Kyle Canyon

872-5525

MINI RACERS

Go-Carts of Las Vegas

3:30 pm-10:00 pm
3673 Boulder Highway

457-3455

Trans-Am Raceway

3000 Losee Road

642-1255

SKI AREAS

Brianhead/Utah

(801) 586-6778

Lee Canyon Ski Area

Highway 156/Mt. Charleston

872-5462

(Snow Report: 646-3805)

Mt. Holly Ski Resort

Off I-15 Beaver Exit

451-8606

LAKE MEAD TOURS/CRUISES

Callville Bay or Cottonwood Cove Resort & Marina

Forever Resorts
1001 Nevada Hwy./Suite #207
Boulder City 89005

293-1904

Lake Mead Yacht Tours

2200 Patrick Lane/Suite #21
Las Vegas 89119

736-6180

Play Mate Resort Marina

3222 Lakeshore Road
Boulder City 89005

293-2074

FISHING

Rio Lindo Guide Service

1645 Boulder Highway
Henderson 89015

565-1459/871-6838

SHOPPING MALLS

The Boulevard

3528 Maryland Parkway
Las Vegas 89109

735-8268

The Fashion Show

3200 Las Vegas Blvd., South
Las Vegas 89109

369-0704

The Meadows

4300 Meadows Lane
Las Vegas 89107

878-3331

WESTERN ENTERTAINMENT

Bonnie Springs Ranch

Old Nevada 89004

875-4191

Las Vegas Western Productions

P.O. Box 14274
Las Vegas 89114

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- ☐ Antennas
- ☐ Receivers
- ☐ Modulators
- ☐ Feed horns
- ☐ Polarizers
- ☐ Connectors
- ☐ Compasses
- ☐ Power Dividers
- ☐ Ferrite Isolators
- ☐ Microwave Filters
- ☐ Remote Antenna Positioners
- ☐ Low Noise Amplifiers
- ☐ Feed Assemblies
- ☐ Angle Finders
- ☐ Mobile Earth Stations



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Southeast
satellite
DISTRIBUTORS, INC.

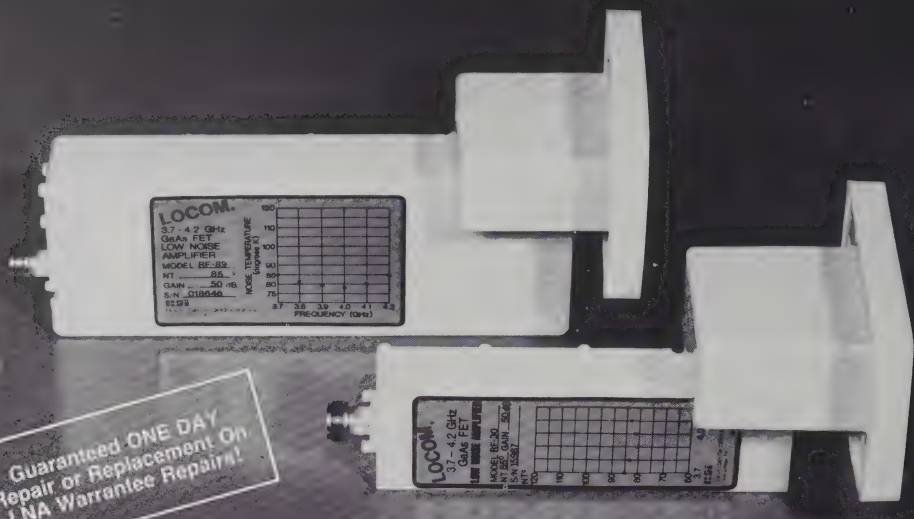
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- We analyze the microwave performance, including linearity, gain and bandwidth, at -10°F , on all Locom LNAs.
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These professional tests are performed on all Locom LNAs to insure that they last, and last, and last.

VERY LOW NOISE!

LOCOM LNAs are the best value for very low noise.

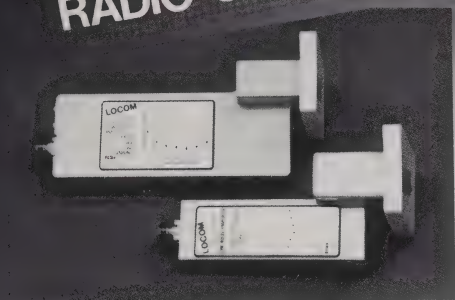
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5:30 pm to 12:00 pm Fri./Sat.
Closed Sunday

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and Pub** 384-5200
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Old World Atmosphere
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4800 S. Eastern 458-2127
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11:00 am to 12:00 pm Sat./Sun.

**Marty Klein's
Restaurant** 735-3553
44 Convention Center Drive
Continental Cuisine-Italian
4:00 pm to 6:00 am

Peppermill Inn 735-4177
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(across from the Stardust Hotel)
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Open Daily at 5:00 pm

TGI Friday 732-9905
1800 East Flamingo
11:00 am to 1:00 am Mon./Thurs.
11:00 am to 3:00 pm Fri./Sat.
11:00 am to 2:30 pm Sunday Brunch

Tony Roma's 733-9914
620 East Sahara (Music/evenings)
11:00 am to 4:15 am 7 days a week
Lunches-Ribs, Chicken,
Steak-Seafood

Steak—Seafood
**Cattlemen's Steak
House** 732-7726
2635 So. Maryland Pkwy.
Open 24 hours 7 days a week

Ferdinand's Restaurant 798-6962
5006 Maryland Parkway
Camelot Shopping Center
Steak & Seafood
4:00 pm to 11:30 pm - 7 days

Lobster Trap, Inc. 734-0023
953 East Sahara, (Commercial Ctr.)
5:00 pm to 11:00 pm

Phillips Supper Club 873-5222
4545 West Sahara
4:00 pm to Midnite 7 days a week

Play It Again, Sam 876-1550
4120 Spring Mountain Road
11:00 am to 3:00 pm Lunch
5:00 am to 11:00 pm Dinner
Closed Sunday

Starboard Tack 457-8794
2601 Atlantic (Live Music)
11:30 am to 7:00 am Mon./Fri.
5:00 pm to 7:00 am Sat./Sun.

The Tillerman 731-4036
2245 East Flamingo Rd.
5:00 pm to 1:00 am

French
Andre's 385-5016
401 South 6th Street
6:00 pm to 11:00 pm 7 days a week

La Petit Mozart 735-1296
French Cuisine
3309 Las Vegas Blvd. South

Pamplemousse 733-2066
400 East Sahara Ave.
6:00 pm to Midnite 6 days a week

German-Swiss

Alpine Village Inn 734-6888
3003 Paradise Road
(Across from the Hilton)
5:00 pm to Midnite 7 days a week

Old Heidleberg 731-5310
German Restaurant
604 East Sahara
(Back of Marie Callenders)
10:00 am to 9:00 pm Mon.-Sat.

Swiss Cafe 385-9088
1431 East Charleston Blvd.
11:00 am to 3:00 pm Lunch
5:00 pm to 9:00 pm Dinner

Italian

**Antonio's Italian
Cuisine** 382-6693
910 Las Vegas Blvd. South
4:30 pm to 11:00 pm weekdays
4:30 pm to Midnite Fridays
4:00 pm to 11:00 pm Sunday

The Bootlegger 736-4939
5025 South Eastern
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11:30 am to 11:00 pm Tues./Sat.
5:00 am to 10:00 pm Sunday

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5:30 pm to 11:00 pm Dinner

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Shielded plus
Tinned Copper
Drain Wire
2 @ 18-Gauge

TYPE 2
(MTI)
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Copper Braid
2 @ 12-Gauge
3 @ 18-Gauge
3 @ 20-Gauge
Shielded plus
Tinned Copper
Drain Wire
3 @ 22-Gauge Shielded
plus Tinned Copper
Drain Wire

TYPE 3
(Intersat)
2 — RG59/U 96%
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I want to fight back for the rights of satellite earth station owners and the private cable industry. Enclosed is my Voluntary Contribution. (Check if you wish to designate it for use in the Starlink defense).

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Please bill me _____ per month.

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Garcia's of Scottsdale 731-0628
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11:00 am to 11:00 pm Mon. thru Thurs.
11:30 am to 12:00 pm Fri./Sat.
12:00 p.m. to Midnite Sunday

Viva Zapata's 873-7228
3540 West Sahara
11:00 am to 1:00 am 7 days a week

Oriental-Polynesian

Chinese Garden 876-5432
5485 West Sahara Ave.
Chinese, American,
Cantonese & Szechwan
11:30 am to 10:30 pm

Ginza 731-9944
Japanese Cuisine
1000 East Sahara
5:00 pm to 12:30 am Closed Tues.

Khan's 733-1888
2300 East Harmon Ave.
Mongolian Grill & Barbeque
5:30 pm to 11:00 pm Dinner
11:00 am to 2:30 pm Chinese lunches

Korea House 736-3529
3724-B Las Vegas Blvd. So.
Across from the Aladdin Hotel

Peking 733-9229
4034 Paradise Road at Flamingo
Chinese and American Cuisine
12:00 am to 11:00 pm Tues./Sat.
2:00 pm to 11:00 pm Sun./Mon.

Silver Dragon Restaurant 737-1234
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CALE COMMUNICATIONS/Regina, Saskatchewan/306-949-9181
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HI-FRONTIER DISTR. NW/Seattle, WA/206-575-0660
HOOSIER ELECTRONICS/Terre Haute, IN/812-238-1456
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PRECISION SATELLITE SYSTEMS/Oakley, KS/913-672-3247
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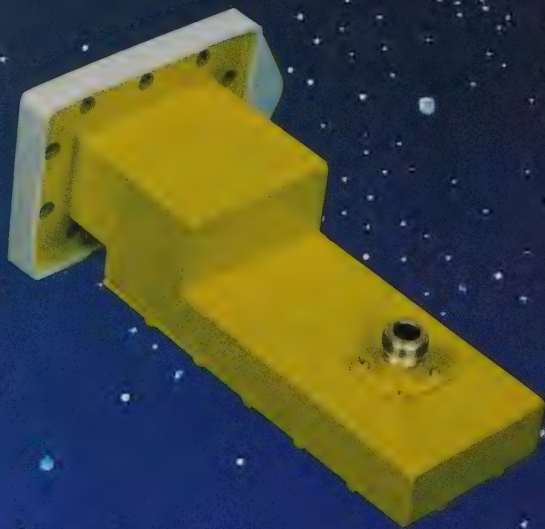


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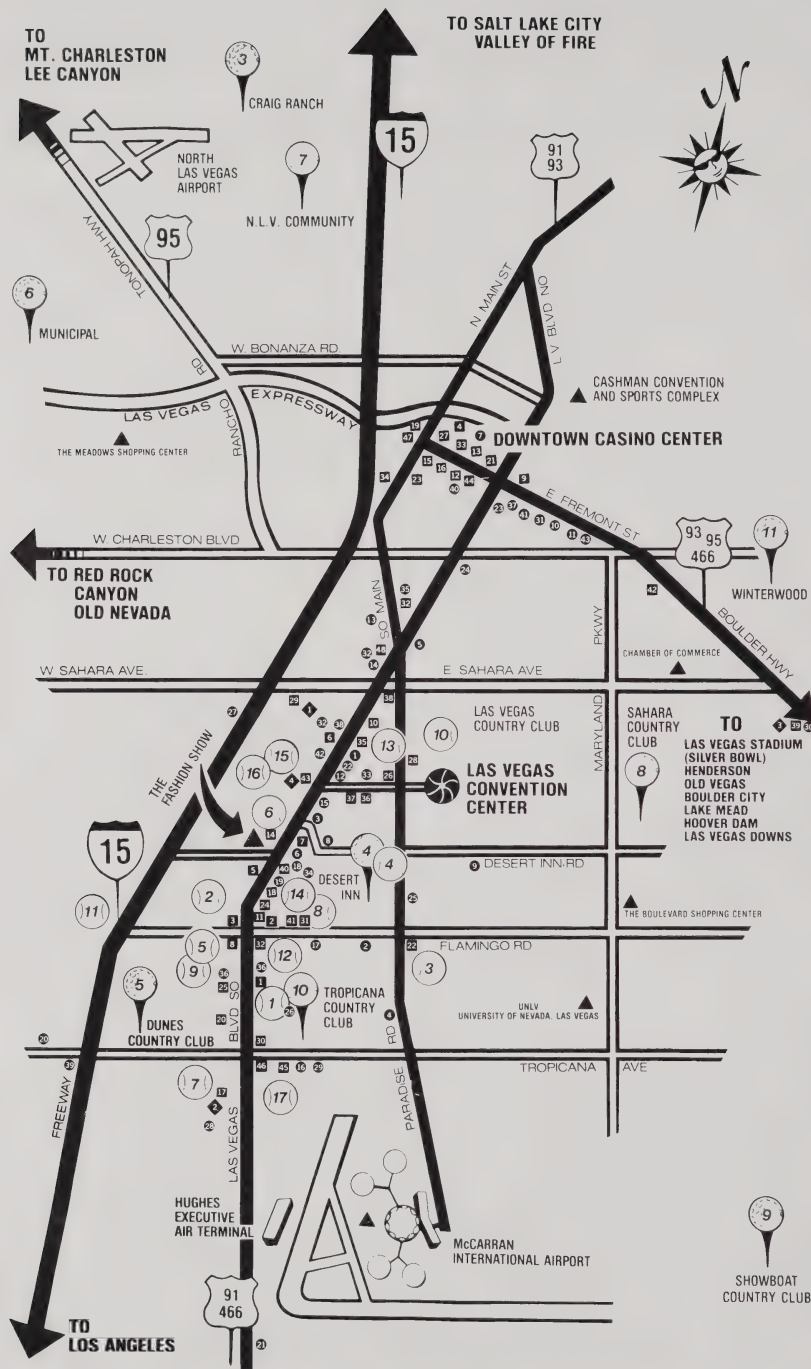
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457-0261

D & N Delivery Corporation
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United Parcel Service
740 North Highland
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Dot's Flower & Gift Shop
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Las Vegas Florists
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**International Video
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Nevada Audio Visual Services
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733-2922

Western Media Enterprises, Inc.
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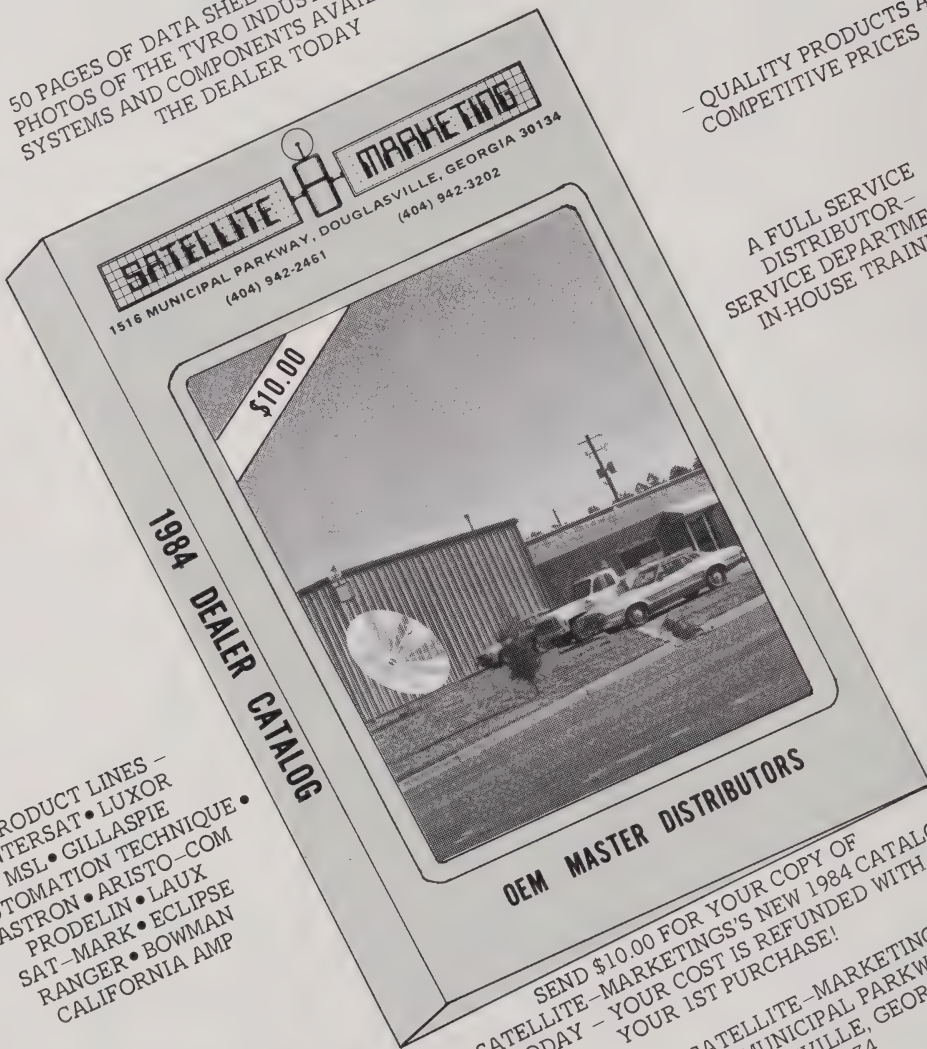


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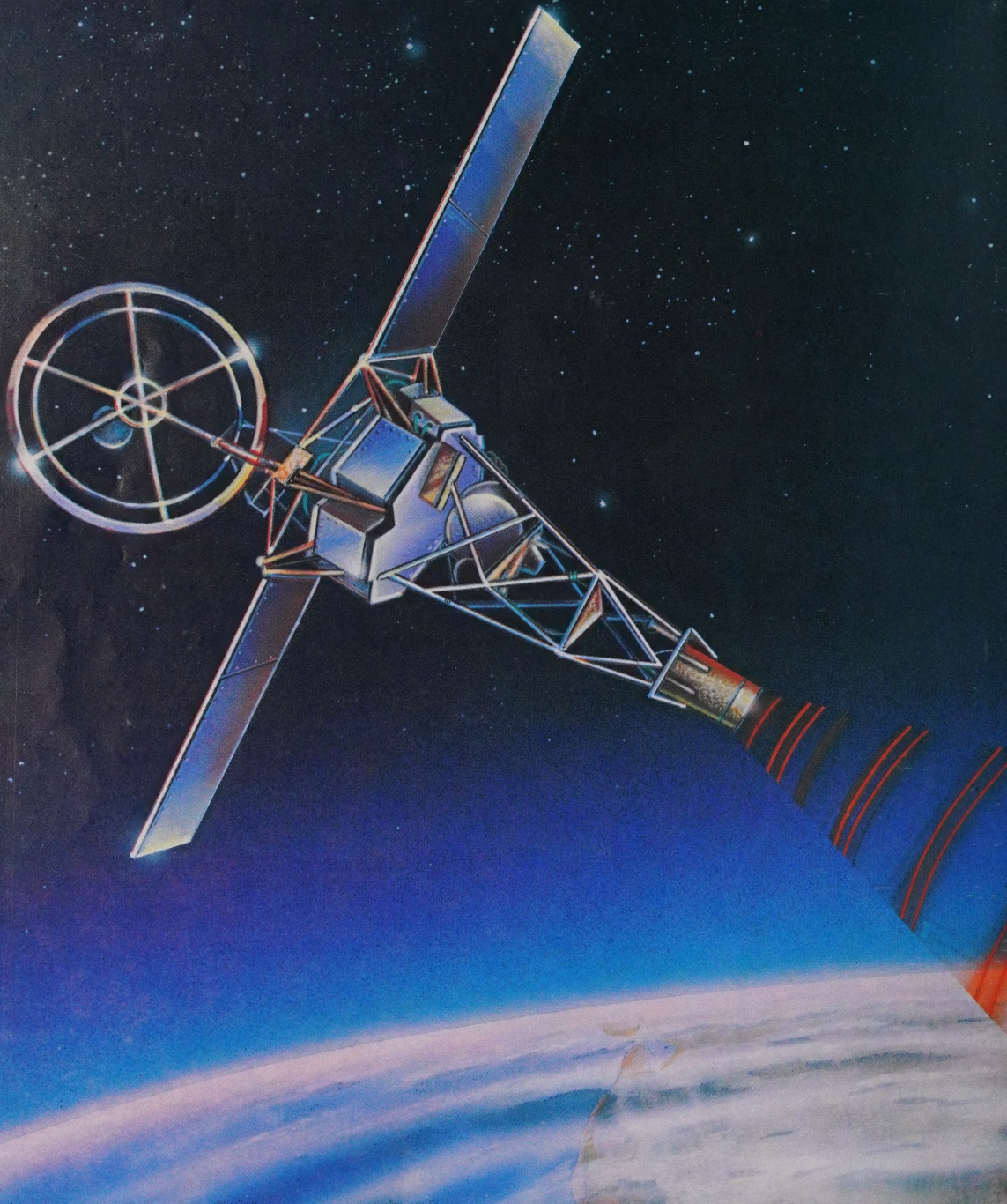
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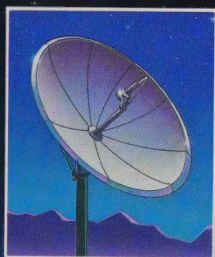
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